(MINISTRY OF PUBLIC WORKS) Egypt. PHYSICAL DEPARTMENT.

DAILY WEATHER REPORT

Jan. – June 1945

CAIRO
Time of Sunrise 06 h 52 m
Sunset 17 h 05 m

Month JANUARY. 1946 ١٩٤٥ شهر يناير

At 14 h. on 31-12-44 ١٩٤٤-١٢-٣١ الساعة ١٤ يوم — At 8 h. on MONDAY 1st الاثنين ١ الساعة ٨ يوم

STATION	14h ww	V	DD	F	W	N	C	PPP (m.s.l. 1000+ mbs)	TTT °C	UU	8h ww	V	Wind DD	F	W	Cloud N	C	Bar. Pressure PPP 1000+ mbs	normal mbs	Temp. TTT °C	Max. MM	norm °C	Min. mm	norm °C	Humidity UU	Rainfall past 24h mms	total mms	normal mms	No.
SALLUM																													130
MATRUH	01	9	20	4	1	3	8	4.2	17.9	62	00	9	20	5	0	0	—	4.7	-13.9	8.2	18	0	6	-3	79	0	58	73	131
DIKHEILA																													150
ALEXANDRIA	02	8	20	2	2	5	6	7.5	15.2	96	00	9	20	2	0	0	—	7.2	-11.8	11.0	15	-4	9	-2	95	0	153	97	132
DAMIETTA	61	7	18	3	6	8	7	7.5	12.4	87	00	8	18	2	0	0	—	7.9	—	9.4	14		8		88	1	63	40	159
PORT SAID	62	7	18	3	6	8	9	8.0	12.8	94	00	7	20	3	5	0	—	7.2	-10.5	11.5	17 (15)	-2	10 (6)	-1	80	9	48	32	134
EL ARISH	60	8	00	0	6	8	9	8.4	13.2	88	00	9	00	0	6	0	—	9.9	-8.7	15.6	19	0	9	+2	51	19	166	34	135
DAMANHUR	01	7	16	3	1	5	8	6.2	13.3	74	00	7	16	3	0	0	—	8.8	-9.8	13.0	15	-5	7	-1	66	0	56 (42)	37	136
MANSURA	61	6	18	1	6	8	9	8.0	12.4	87	00	8	20	2	0	0	—	7.9	—	9.0	14	-6	8	0	89	3	31	16	137
TANTA	50	4	16	2	6	8	7	7.2	12.3	73	00	7	20	1	0	0	—	9.1	-10.0	9.5	14	-6	8	+1	80	4	28	14	138
ZAGAZIG	60	5	12	2	6	5	7	8.8	12.2	100	00	6	20	3	0	0	—	9.0	-10.2	10.2	14	-6	9	+2	95	7	36	10	139
ALMAZA	05	6	28	1	6	8	7,5	9.0	13.4	83	00	7	18	3	0	1	4	10.0	—	11.0	14		9		87	13	40		141
EZBEKIYA	50	7	00	0	6	8	7	9.0	13.2	88	09	6	14	2	2	1	3	10.4	-9.2	11.7	13	-7	10	+2	95	13	37	9	
GIZA	50	5	12	1	8	8	7	9.0	13.0	85	00	5	12	1	1	3	8	9.9	-10.1	11.2	14	-5	9	+3	89	12	34	10	
HELWAN	66	5	26	2	6	8	7	8.2	12.9	76	01	6	12	3	1	4	0	10.0	-9.6	9.8	13	-6	9	0	89	15	46	9	143
SUEZ	64	7	32	2	6	8	9	8.6	12.3	96	00	8	28	2	6	2	8	9.4	-9.4	17.0	21	+1	17	+7	48	84 (24)	140 (36)	9	144
FAIYUM	61	6	00	0	6	8	7	8.6	13.5	86	01	8	18	1	2	4	6	9.9	-9.5	10.0	14	-7	9	+3	87	12	72	3	153
MINYA	21	8	30	2	5	8	7	8.3	15.4	91	02	7	20	1	2	5	4	11.2	-8.6	11.8	15	-5	10	+3	90	dr.	tr.		154
ASYUT	03	6	28	1	2	8	6	7.5	19.5	77	21	6	22	1	2	8	6	11.8	-8.4	13.5	22	+2	13	+7	80	9	14	3	155
QENA	50	7	12	3	6	8	7	6.0	18.8	75	50	6	24	1	6	8	7	11.1	-7.9	15.4	20	-3	15	+5	98	12	18		156
LUXOR	03	9	22	1	8	8	7	7.2	18.5	83	03	6	24	1	2	8	7	12.2	—	15.6	24		13		83	tr.	tr.		157
ASWAN	02	9	00	0	1	5	1	5.9	30.0	36	02	9	00	0	1	5	4	10.4	-8.6	18.3	30	+6	16	+5	68	0	dr.	—	158
SIWA	00	8	22	4	0	0	—	9.1	19.5	48	00	7	00	0	0	0	—	11.4	-9.3	8.0	20	0	4	0		0	2	5	148
BAHARIYA	03	9	00	0	2	8	—		18.0	53	01	9	00	0	1	4	—	11.5	-8.7	9.0	19		6		73	0	7		149
KHARGA	61	7	12	2	5	8	5	5.8	22.6	54																	2	—	151
DAKHLA	03	6	32	2	2	8	9	7.5	19.5	59	03	5	28	1	2	8	9	12.7	-7.9	12.8	21	-1	12	+7	66	tr.	tr.		152
TOR	50	5	14	4	5	6	7	6.3	23.4	90	02	5	28	2	2	6	9	10.4	-7.6	18.2	24	+3	17	+8	80	2	2	7	145
HURGHADA	03	7	12	3	2	8	6	7.5	23.0	79	03	8	28	2	2	8	6	10.0	-7.9	17.8	25	+3	17	+6	82	5	8	—	146
QUSEIR	03	8	16	4	6	8	6	7.9	22.2	72	03	8	26	1	2	8	6	11.6	-6.0	19.3	23	-1	19	+4	81	dr.	20	—	147
PORT SUDAN																										0	81	84	169
WADI HALFA	02	8	14	3	1	6	2	5	33	23	00	7	28	4	0	2	4	10		19					64	0	0		165
KAREIMA	01	8	00	0	1	4	1	5	34	25	00	8	00	0	0	0	—	8		22					38	0	0	1	166
ATBARA	01	8	06	3	1	4	4,1	4	35	25	00	7	08	1	0	2	4	8		22					53	0	0	2	167
KHARTUM																										0.	tr.	4	168
KASSALA	00	8	00	0	0	3	1	1	38	29	00	8	00	0	0	0	—	8		24					61	0	9	8	170
WAD MEDANI	00	8	02	2	0	1	1	2	38	15	02	9	16	1	1	7	8	8		22					44	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	32	3	0	0	—	3	38	15	00	9	16	3	0	0	—	8		24					34	—	—	49	182
ROSEIRES	00	7	18	2	0	0	—	3	38	17	02	7	16	2	1	6	4	7		28					66	0	1	36	172
EL OBEID	02	8	00	0	1	7	4,2	3	36	15	01	8	00	0	0	4	4	8		26					32	0	6	16	174
EL FASHER	00	8	12	2	0	3	4,1	—	36	24	02	8	02	1	1	6	2	—		18					46	0	5	6	175
GENEINA	01	8	18	1	1	3	2	—	36	11	05	8	00	0	1	6	4,2	—		16					36	—	—	4	179
KADUGLI	01	8	20	3	0	4	1	3	38	11	01	8	28	2	1	4	1	9		23					47	—	—	89	187
MALAKAL	01	8	24	1	1	5	8,1	3	38	29	61	7	04	3	9	7	9,4	9		25					70	3	48	88	176
WAU	02	8	04	1	1	8	4,2	3	37	20	02	8	00	0	1	6	4,2	9		25					54	0	178	143	177
JUBA	02	8	10	4	1	6	1	5	37	18	05	8	16	1	2	7	4,2	10		26					48	0	147	144	178

UPPER WINDS ON 1st

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALLUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 9 h 15 m	MINYA	ASYUT 7 h	ASWAN 7 h	WADI HALFA 7 h	KAREIMA 8 h	KHARTUM	KASSALA 7 h	EL OBEID 7 h	MALAKAL	JUBA
				02 17 25		02 24 30	02 02 15	10 01 30	10 21 25		10 20 05	10 09 05		
				05 22 30		05 27 20	05 02 35	15 26 30	15 23 25		15 12 05	15 17 05		
				Ext. St.		10 26 30	10 01 30	20 24 55	20 25 25		20 07 05	20 36 05		
						15 26 35	15 09 05	30 23 110	30 26 35		30 36 15	30 14 15		
						20 24 55	20 23 40		40 25 45		40 08 10	40 15 20		
						25 27 85			45 22 40					
						Ext. Sc.			50 23 40					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

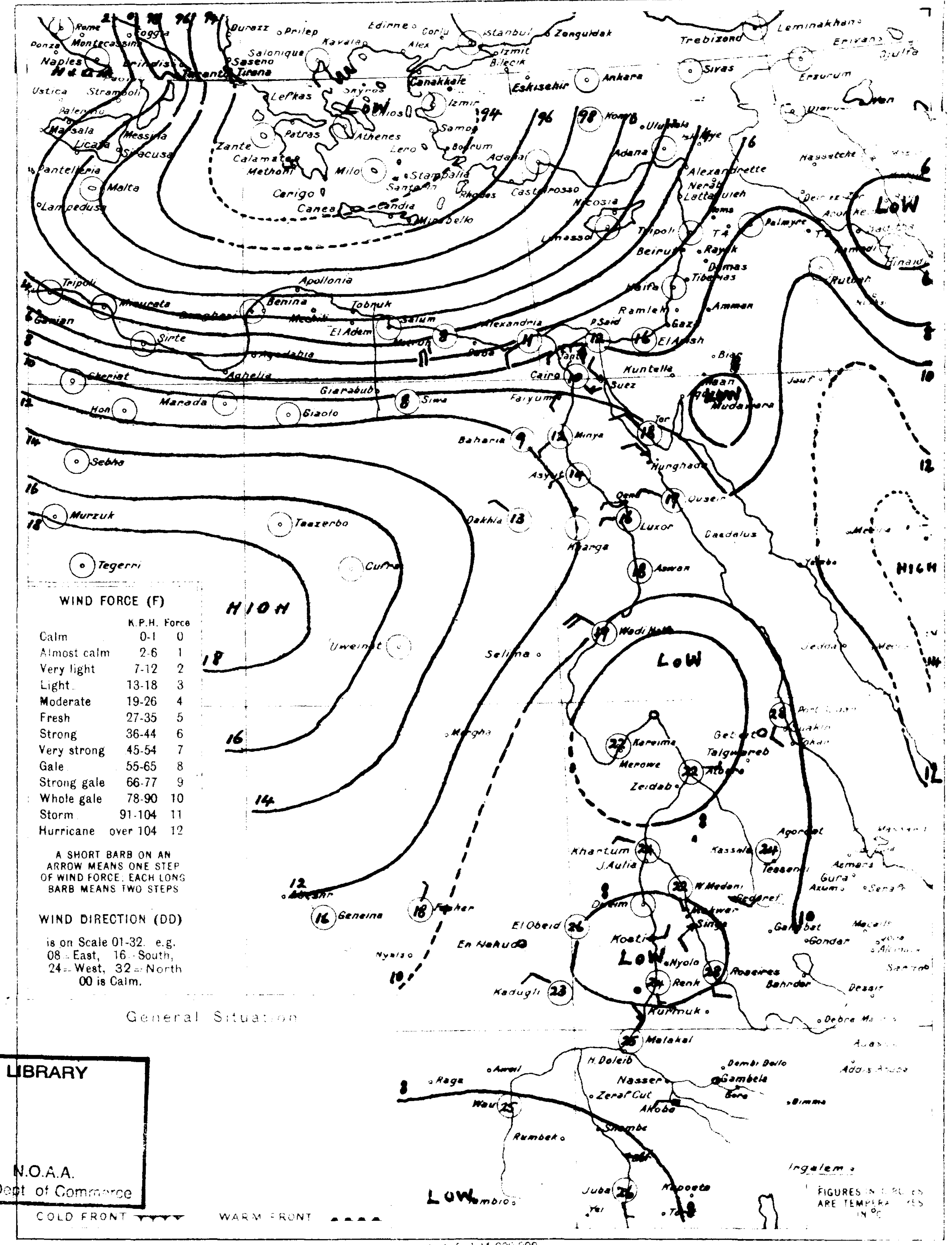
STATION	Mean of day Humidity on 31-12	Diff. from normal	Wet bulb temp. on 31-12	Diff. from normal
Alexandria	86	+20	12.4	-0.1
Ezbekiya	86	+17	12.2	+1.4
Giza	86	+12	11.8	+1.3
Helwan	87	+24	11.1	+1.2
Giza Grass minimum	1st		6.8	

Discharges at Aswan measured by Sluices m³ per sec.

DATE	1945	1944
1-1-45	868	926
31-12-44	868	926

GAUGE	Date 1946 Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	—	—	—	—
Nasser	—	—	6.89	-0.81
Malakal	11.04	-0.65	11.12	-0.65
Roseires	—	—	12.59	+0.12
Sennar Res.	—	—	20.71	—
J. Aulia U.S	—	—	377.38	—
J. Aulia D.S	—	—	371.36	-0.79
Khartum	—	—	10.50	-0.79
Khashm el Girba				
Atbara	—	—	10.42	-0.46
Kajnarti	—	—	133.08	-1.18
Aswan Res.	120.77	—	120.75	—
Aswan D.S	65.14	-1.05	65.14	-1.05
Roda (Cairo)	—	—	14.79	-0.16

Isobars, Wind and Temperature at 8 h. 1-1-1945 ١٩٤٥-١-١



SCALE 1:15,000,000

STATION	Present weather ww	Visibility V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Temperature Dry Bulb	Maximum Yesterday	Diff. from normal	Minimum Today	Diff. from normal	Humidity	Rainfall Past 24 h. mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
Limassol																		193
Nag Hamadi 13		8	00	0	6	8	5	11.4	—	15.0	21	—	14	—	91		9	—

SHIPS سفن

Remarks
Water Temp. River Nile Cairo 15.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Distant Duststorm
Slight Duststorm
Heavy Thunderstorm
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
Thunderstorm 90-99

PAST WEATHER (W)
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)
Objects not visible at 50 metres 0
200 1
500 2
1 Kilometre 3
2 4
4 5
10 6
20 7
50 8
Visible over 50 Kms. 9

CLOUD AMOUNT (N)
Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

CLOUD FORM (C)
Cirrus 1
Cirro stratus 2
Cirro cumulus 3
Alto-cumulus 4
Alto stratus 5
Strato cumulus 6
Nimbo-stratus 7
Cumulus 8
Cumulo-nimbus 9
Stratus 0

Printed by the Survey of Egypt, Mines Dept. 1939 (39/...)
ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

LIBRARY
N.O.A.A.
U.S. Dept. of Commerce

LIBRARY
MAY - 1947
WEATHER BUREAU

991 .E3 D3 1945 (Jan.-June)

70733

National Oceanic and Atmospheric Administration

Environmental Data Rescue Program

ERRATA NOTICE

One or more conditions of the original document may affect the quality of the image, such as:

Discolored pages
Faded or light ink
Binding intrudes into the text

This document has been imaged through the NOAA Environmental Data Rescue Program. To view the original document, please contact the NOAA Central Library in Silver Spring, MD at (301) 713-2607 x124 or www.reference@nodc.noaa.gov.

Information Manufacturing Corporation
Imaging Subcontractor
Rocket Center, West Virginia
September 14, 1999

CAIRO
Time of Sunrise 06 h 52 m
Sunset 17 h 06 m

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month JANUARY 1945 ١٩٤٥ شهر يناير

At 14 h. on 1st ١ الساعة ١٤ يوم — At 8 h. on TUESDAY 2nd الساعة ٨ يوم الثلاثاء ٢

STATION	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	Humidity UU	Rainfall past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station number
SALUM																													130
MATRUH	18	4	20	6	3	0	—	4.7	14.4	75	00	8	20	3	0	0	—	16.6	-2.0	9.6	18	0	5	-4	74	0	58	74	131
DIKHEILA																													150
ALEXANDRIA	00	8	20	7	0	0	—	7.0	14.9	70	00	8	20	2	0	0	—	16.8	-2.2	9.0	15	-4	6	-5	89	0	153	99	132
DAMIETTA	01	8	20	5	1	4	8	7.8	15.6	46	04	6	20	2	4	0	—	18.3	—	7.7	16		5		65	0	63	41	159
PORT SAID	01	8	22	2	1	4	8	7.1	16.6	53	00	7	20	5	0	0	—	18.0	+0.3	9.9	17	-2	8	-3	61	0	48	32	134
EL ARISH	00	9	20		0	0	—	9.2?	17.6	40	00	9	00	0	0	0	—	19.9	+1.3	11.9	20	+1	7	0	62	0	166	34	135
DAMANHUR	00	7	20	4	0	0	—	8.4	15.5	59	00	7	20	3	0	0	—	16.7	-1.9	7.2	17	-3	5	-3	77	0	~~66~~ 42	37	136
MANSURA	01	8	20	3	1	4	8	8.0	15.5	60	00	8	24	2	0	0	—	18.6	—	5.5	17	-3	4	-4	85	0	31	16	137
TANTA	00	8	20	6	0	0	—	8.0	16.0	55	00	8	20	1	0	0	—	19.4	+0.3	6.0	17	-3	4	-3	70	0	28	14	138
ZAGAZIG	00	7	22	3	0	0	8	8.4	16.6	95	00	6	12	2	0	0	—	19.1	-0.1	7.6	18	-2	6	-1	76	0	36	10	139
CAIRO ALMAZA	00	7	22	5	0	2	8	10.0	16.6	55	00	7	18	2	0	0	—	19.4	—	9.1	17		6		60	0	40		141
CAIRO EZBEKIYA	00	8	14	2	0	1	4	9.1	17.1	49	08	4	18	1	0	0	—	20.0	+0.4	9.2	18	-2	7	-1	65	0	37	9	—
CAIRO GIZA	00	8	18	2	0	0	—	9.5	17.0	46	09	5	14	1	0	0	—	19.5	-0.5	10.4	18	-1	6	0	78	0	34 ~~246~~	10	—
HELWAN	00	8	18	4	1	2	8,4	9.2	16.8	57	05	5	14	1	0	0	—	20.0	+0.4	8.4	16	-3	6	-3	52	0	46	9	143
SUEZ	00	9	16	3	0	0	—	10.2	18.2	41	00	8	32	3	0	0	—	19.4	+0.5	9.7	21	+1	8	-2	74	0	~~140~~ 36	9	144
FAIYUM	01	8	20	4	1	4	6	9.5	17.3	44	00	8	14	2	0	0	—	20.2	+0.8	5.7	18	-3	4	-2	77	0	72	3	153
MINYA	02	8	18	2	2	5	5	10.7	17.3	53	00	7	16	1	0	0	—	20.7	+0.9	9.7	18	-2	4	-3	63	0	tr.		154
ASYUT	01	7	20	1	2	5	5	12.6	15.6	60	01	6	22	1	1	4	5	20.2	0.0	9.9	18	-2	8	+2	69	0	14	3	155
QENA	60	7	24	1	6	8	7	11.0	15.0	78	05	7	24	1	6	8	7	18.3	-0.7	12.2	18	-5	10	+3	82	2	20		156
LUXOR	02	6	30	2	2	7	6	13.1	18.0	57	03	6	28	1	2	8	7	19.6	—	13.6	20		13		78	0	tr.		157
ASWAN	02	9	32	3	1	5	4	9.5	24.0	39	02	9	32	2	1	5	4	18.6	-0.4	15.0	24	0	10	-1	49	0	dr.	—	158
SIWA	00	8	24	3	0	0	—	10.6	15.8	52	00	7	00	0	0	0	—	18.6	-2.1	3.0	16	-4	1	-3	74	0	2	5	148
BAHARIYA	01	9	32	1	1	4	—	10.6	18.0	53	00	9	00	0	0	0	—	21.0	+0.8	5.2	19		2		74	0	7		149
KHARGA																										dr		—	151
DAKHLA	03	6	28	1	2	8	9	13.4	15.0	68	03	5	24	1	2	8	9	19.8	-0.8	10.0	15	-7	9	+4	68	0	tr.		152
TOR	50	5	28	2	5	6	9	10.6	17.4	79	01	6	32	2	2	4	5	18.8	+0.8	14.6	19	-2	12	+3	74	tr.	2	7	145
HURGHADA											03	8	26	4	2	8	6	19.1	+1.2	12.5	24	+2	12	+1	62	dr.	8	—	146
QUSEIR	13	8	32	2	2	8	5	9.8	21.3	61	03	8	30	2	2	8	5	19.0	+1.4	15.8	22	-2	15	0	50	0	20	—	147
PORT SUDAN																										0	81	84	169
WADI HALFA	01	7	30	4	0	3	2	8	26	37	01	8	30	3	1	3	4	17		15					32	0	0		165
KAREIMA	00	8	24	3	0	0	—	5	36	09	01	8	04	3	1	3	4	13		19					32	0	0	1	166
ATBARA	00	7	24	3	0	0	—	3	38	15	05	6	28	4	0	0	—	10		23					50	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	00	0	0	0	—	1	38	05	00	8	02	1	0	0	—	7		32					38	0	9	8	170
WAD MEDANI	02	8	16	1	1	5	7	2	39	20	00	8	28	1	0	0	—	10		22					38	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	20	3	0	0	—	2	37	20	00	9	32	3	0	0	—	8		23					61	—	—	49	182
ROSEIRES	00	7	16	2	1	0	—	2	38	52	00	7	18	2	1	0	—	8		24					57	0	1	36	172
EL OBEID	01	8	00	0	1	4	2	2	38	25	01	9	26	2	1	4	4	11		23					41	0	6	16	174
EL FASHER	01	9	20	1	1	5	4	—	36	31	00	9	02	1	0	0	—	—		19					49	0	5	6	175
GENEINA	02	8	04	1	1	8	2	—	35	09	02	8	00	0	1	8	4,5,2	—		14					51	—	—	4	179
KADUGLI	02	7	12	3	1	5	1	4	36	05	01	8	24	3	0	4	1	10		22					25	—	—	89	187
MALAKAL	01	8	16	3	1	4	4	3	37	24	00	8	00	0	1	3	1	9		26					58	0	48	88	176
WAU	02	8	08	1	1	8	8,4,2	4	37	20	01	8	00	0	1	4	1	10		24					61	0	178	143	177
JUBA	01	8	08	2	1	3	8	4	38	18	05	7	18	1	1	4	8,4	12?		26					48	0	147	144	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 2 يوم ٢

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	8 h 58 m	h m	7 h m	7 h m	7 h m	7 h m	h m	7 h m	7 h m	h m	7 h m
				02 02 1		02 02 10	02 01 35	10 03 50	10 04 20		10 09 30	10 05 35		10 28 10
				05 04 5		05 35 25	05 01 25	15 07 05	15 24 10		15 07 35	15 07 20		15 09 15
				10 03 4		10 32 30	10 35 15	20 33 20	20 21 15		20 06 35	20 10 15		20 06 15
				15 05 1		15 24 15	15 19 10		30 23 20		30 04 35	30 13 25		30 04 10
				20 18 3		20 25 05	20 26 40		40 26 30		40 30 10			
				25 17 7			25 27 65		45 25 30		45 17 05			
				30 18 8					50 25 30		50 22 05			
				35 21 8							60 30 10			
				40 74 0										
				45 78 8										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Mean of day

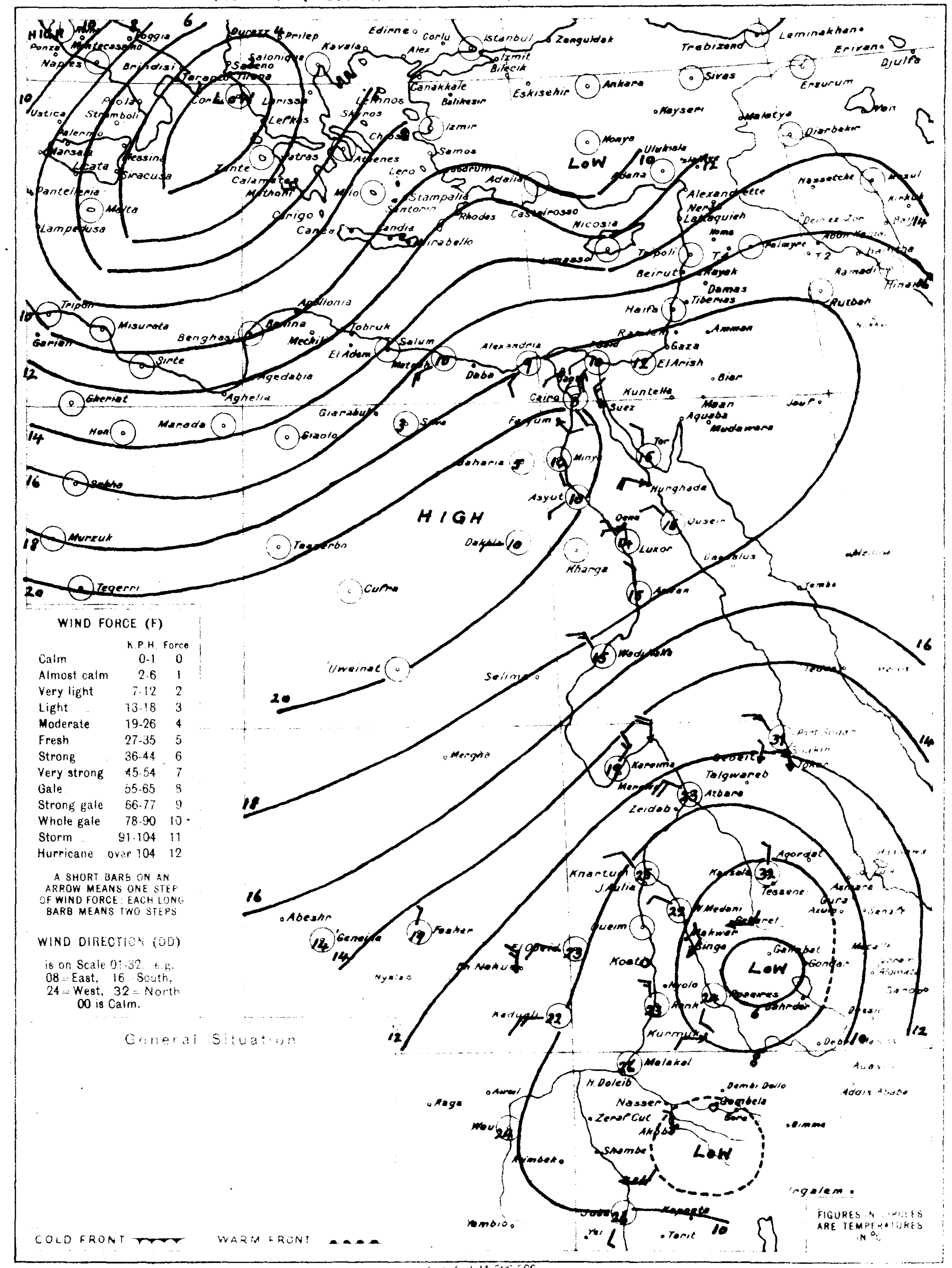
STATION	Humidity % on 1st	Diff. from normal	Wet bulb temp. °C on 1st	Diff. from normal
Alexandria	89	+23	11.9	-0.6
Ezbekiya	72	+3	10.7	-0.1
Giza	70	-4	10.0	-0.5
Helwan	71	+13	9.5	-0.4
Giza Grass minimum °C	2nd		3.0	

Discharges at Aswan measured by sluices m.³ per sec

DATE	1945	1944
2-1	868	1042
1-1	868	1042

GAUGE	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
	1945				
Jûba	2-1-45	—	—	12.74	-0.70
Nasser		—	—	6.86	-0.77
Malakâl		11.06	-0.64	11.09	-0.65
Roseires		12.58	+0.17	12.59	+0.16
Sennar Res.		—	—	20.71	—
J. Aulia U.S		—	—	377.42	—
J. Aulia D.S		—	—	371.35	-0.80
Khartum		—	—	10.50	-0.77
Kh. el Girba					
Atbara		—	—	10.42	-0.45
Kajnarti		—	—	133.03	-1.20
Aswân Res.		120.81	—	120.77	—
Aswân D.S.		85.15	-1.04	85.14	-1.05
Roda (Cairo)		14.55	-0.37	14.79	-0.16

١٩٤٥ - ١ - ٢ Isobars, Wind and Temperature at 8 h. 2 - 1 - 1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT WARM FRONT

SCALE 1:15 000 000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 2nd ٢ الساعة ٨ يوم

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity UU	Rainfall past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	60	4	30	3	6	8	—	12.6	-5.0	12	—	—	—	—	—	25	364	197
Nag Hamadi	02	8	00	0	2	8	5	19.6	—	11.9	15	—	11	—	79	7	16	—

SHIPS سفن

Remarks

WATER TEMP. River Nile Cairo 15.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog, Thick Haze	40-49
Mist Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
with Rain	91
with Hail	94-96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO

Time of Sunrise 06 52 m

Sunset 17 07 m

Month JANUARY 1945 1920

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1920-1-3 Isobars, Wind and Temperature at 8 h. 3-1-1945

2nd ٢ — WEDNESDAY 3rd الأربعاء ٣

STATION	Wind Dir	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure (Mean Sea Level 1000-mbs.)	Diff. from normal	Dry Bulb	Wet Bulb	Humidity	Max. Yesterday	Diff. from normal	Min. Today	Diff. from normal	Humidity	Rainfall Past 24 hrs.	Total from Oct. 1	Diff. from normal	Station No.
						mm		°C	°C	%	°C		°C		%	mm	mm		
[illegible]	00	8	20	2	0	0	—	15.9	16.0	50	00	9	20	2	0	0	+	18.3	−0.3
[illegible]	00	9	20	3	0	0	—	17.5	13.2	65	00	8	00	0	0	0	—	18.3	−0.7
[illegible]	00	7	18	2	0	0	—	17.5	14.0	71	04	5	20	1	0	0	—	19.6	—
[illegible]	00	7	20	3	0	0	—	17.6	15.0	58	00	6	24	2	0	0	—	19.2	+1.5
[illegible]	00	9	30		0	0	—	18.6	16.4	30	00	9	00	0	0	0	—	—	—
[illegible]	00	7	20	3	0	0	—	17.6	16.8	72	00	6	20	2	0	0	—	19.0	+0.4
[illegible]	00	8	24	2	0	0	—	18.0	16.7	61	41	6	18	2	4	0	—	19.9	—
[illegible]	00	8	20	1	0	0	—	18.3	15.6	55	00	6	00	0	0	0	—	20.2	+1.1
[illegible]	00	7	20	3	0	0	—	18.4	15.2	68	08	5	12	1	0	0	—	20.3	+1.2
[illegible]	00	7	20	2	0	0	—	19.2	14.7	51	05	6	00	0	0	0	—	20.2	—
[illegible]	05	6	00	0	0	0	—	17.1	14.9	51	46	3	00	0	4	9	—	20.2	+0.6
[illegible]	00	8	00	0	0	0	—	18.6	16.4	42	40	3	00	0	4	9	—	20.2	+0.2
[illegible]	05	6	16	1	0	0	—	18.2	13.8	62	09	5	00	0	0	0	—	19.8	+0.2
[illegible]	00	9	08	3	0	0	—	19.4	15.6	41	00	8	32	3	0	0	—	19.0	+0.1
[illegible]	00	8	22	2	0	0	—	18.8	16.1	43	04	3	00	0	4	0	—	20.2	+0.8
[illegible]	00	8	06	2	0	0	—	17.8	16.1	18	09	6	30	1	4	0	—	19.5	−0.3
[illegible]	01	7	24	1	1	4	4	18.6	14.5	44	00	6	22	1	0	0	—	19.4	−0.8
[illegible]	13	6	20	1	2	8	7	18.0	13.3	65	01	8	26	2	2	4	3	18.6	−0.4
[illegible]	03	6	02	2	2	8	7	17.2	15.4	45	00	7	08	2	0	0	—	18.6	—
ASWAN	02	9	32	3	1	5	4	14.8	20.0	29	01	9	32	3	1	4	4	16.6	−2.4
[illegible]	00	8	22	3	0	0	—	18.3	16.5	56	00	7	00	0	0	0	—	19.4	−1.3
BAHARIYA	00	9	00	0	0	0	—	18.7	15.5	40	00	9	00	0	0	0	—	20.8	+0.5
KHARGA	03	8	30	3	2	8	5	17.2	12.8	45	00	9	02	2	0	2	1	18.0	−1.4
[illegible]	02	7	00	0	2	5	9	18.0	16.0	39	00	7	00	0	0	0	—	19.5	−1.1
[illegible]	00	7	28	3	0	3	5	16.4	17.8	70	00	7	02	3	0	0	—	17.6	−0.4
[illegible]	03	7	28	4	2	8	9	17.1	16.5	44	00	9	26	3	0	0	—	17.9	−0.1
[illegible]	03	8	32	2	2	8	5	16.3	18.7	54	01	8	28	2	1	4	4	16.2	−1.4
[illegible]																			
[illegible]	00	7	30	5	0	1	1	13	22	57	01	7	30	3	1	4	4,2	15	
KAREIMA	01	7	06	3	1	5	2	8	31	—	00	8	02	2	0	2	4	11	
ATBARA	00	7	30	4	0	0	—	5	33	26	00	8	32	3	0	0	—	10	
KHARTUM																			
KASSALA	00	8	04	3	0	0	—	2	39	23	00	7	08	4	0	0	—	7	
WAD MEDANI	00	8	08	5	0	2	4	1	40	67	00	8	04	5	0	0	—	7	
DUEIM																			
RENK	00	9	04	3	0	0	—	—	39	10	00	9	28	3	0	0	—	8	
ROSEIRES	00	7	20	2	0	0	—	3?	38	21	00	7	30	2	0	0	—	7	
EL OBEID	00	8	02	3	0	2	1	4	35	30	01	8	30	2	1	4	4	11?	
EL FASHER	01	8	20	1	1	4	4	—	33	30	00	8	32	1	1	2	—	—	
GEDAREF	05	8	02	2	2	6	4,2	—	33	15									
KADUGLI	01	8	04	3	0	4	3	3	36	17	02	8	04	3	1	6	1	10	
MALAKAL	01	8	02	2	1	4	4,1	2	39	21	00	8	00	0	0	0	—	7	
WAU	02	8	00	0	1	7	2	3	37	20	01	8	00	0	1	4	1	8	
JUBA	05	7	32	1	1	5	4,4	5	36	25	05	7	20	3	1	5	2	10	

STATION	Station No.	Present Weather	Visibility	Wind Dir	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar. Pressure (Mean Sea Level 1000-mbs.)	Diff. from normal	Dry Bulb	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rainfall Past 24 hrs.	Total from Oct. 1	Diff. from Normal from Oct. 1
		ww	V	DD	F	W	N	C	mm		°C	°C		°C		%	mm	mm	
Limassol	01	7	30	2	2	3	—		18.4	+0.8	9	—	—	—	—	—	12	376	200
Naghamadi	00	8	00	0	0	1	4		18.3	—	7.3	17	—	4	—	90	0	16	—

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Helwan 7 h. m.	Minya 7 h. m.	Asyut 7 h. m.	Aswan 7 h. m.	Kharga 8 h. m.	Bahariya 7 h. m.	Kassala 7 h. m.	El Obeid 7 h. m.	Malakal 8 h. m.	Juba 7 h. m.
02 02 05	02 33 15	02 01 30	10 08 25	10 05 40	10 01 15	10 10 50	10 03 35	10 02 40	10 07 15
05 04 25	05 35 35	05 02 25	15 13 15	15 15 35	15 04 15	15 12 35	15 05 45	15 05 45	15 08 20
08 03 20	10 03 15	10 07 10	20 16 25	20 21 30	20 12 15	20 15 20	20 07 50	20 05 35	20 11 15
10 01 15	15 25 25	15 14 20	30 20 15	30 24 35	30 13 15	30 20 15	30 08 35		30 09 20
15 05 05	20 24 35		40 27 15	35 24 55	35 14 05	40 22 10	40 09 20		
20 18 15	25 25 30		45 28 20		40 12 25		45 12 20		
23 18 25			50 29 35				50 16 15		
25 17 35			55 30 45				55 17 25		
30 18 40									
40 24 50									

Forecast for 24 hours from noon on

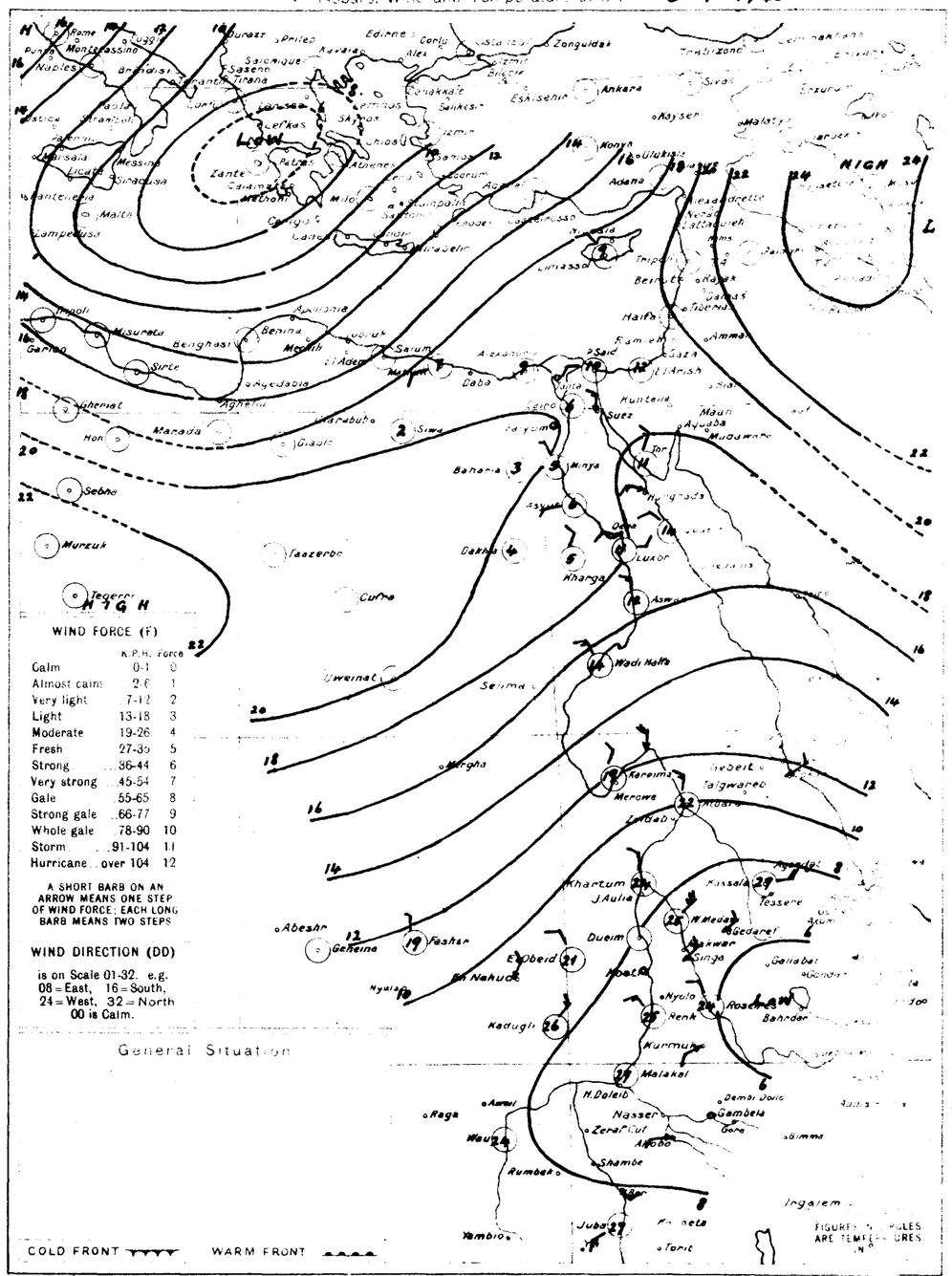
تغيرات الطقس المتطرفة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 2nd	Diff. from normal	Wet Bulb Temp. °C on 2nd	Diff. from normal
Alexandria	57	+21	11.0	−1.4
Ezbekiya	64	−5	8.6	−2.2
Giza	73	−1	9.0	−1.5
Helwan	54	−4	7.1	−2.8
Giza Grass minimum on			3rd	−6.2 °C

Discharges at Aswan measured by sluices m³/sec

DATE	1946	1944	1935
3-1	868		1157
2-1	868		1042

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	1-1	—	—	12.73	−0.71
Nasser		—	—	—	—
Malakal		—	—	11.06	−0.86
Roseires		12.55	+0.16	12.88	+0.17
Sennar Res		—	—	20.71	—
J. Aulia U.S		—	—	377.86	—
J. Aulia D.S		—	—	371.36	−0.78
Khartum		—	—	10.49	−0.78
Kh. el Girba		—	—	—	—
Atbara		10.42	−0.39	10.42	−0.42
Kajnarti		—	—	132.94	+1.25
Aswan Res.		120.83	—	120.81	—
Aswan D.S.		85.16	−1.03	85.15	−1.04
Roda (Cairo)		14.63	−0.28	14.55	−0.37



Water Temp. River Nile Cairo 14.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Cloud Amount (N): Clear 0; Trace 1; 1 Tenth 2; 2, 3 Tenths 3; 4, 5, 6 Tenths 4; 7, 8 Tenths 5; 9 Tenths 6; Over 9 Tenths 7; Overcast 8; Fog or Dust 9

Cloud Form (C): Cirrus 1; Cirro-stratus 2; Cirro-cumulus 3; Alto-cumulus 4; Alto-stratus 5; Strato-cumulus 6; Nimbo-stratus 7; Cumulus 8; Cumulo-nimbus 9; Stratus 0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise 06h 52m
Sunset 17 05

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C

DAILY WEATHER REPORT

Month JANUARY, 1945 ١٩٤٥ شهر يناير

At 14 h. on 3rd ٣ الساعة ١٤ يوم

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	°C Temp. TTT	% Humidity UU
MEDITERRANEAN										
SALUM										
MATRUH	00	9	20	1	0	0	—	15.9	15.2	64
DIKHEILA										
ALEXANDRIA	00	9	18	3	0	0	—	17.2	15.3	57
DAMIETTA	00	8	28	2	0	0	—	17.1	15.0	57
PORT SAID	00	7	26	2	0	0	—	16.6	16.4	84
EL ARISH	00	9	00	0	0	0	—	16.7	15.6	40
LOWER EGYPT										
DAMANHUR	00	7	20	3	0	0	—	17.1	15.3	84
MANSURA	00	8	30	2	0	0	—	17.2	16.0	59
TANTA	00	8	00	0	0	0	—	17.4	15.8	52
ZAGAZIG	00	7	30	2	0	0	—	17.0	15.4	63
MIDDLE EGYPT — CAIRO										
ALMAZA	00	7	06	1	0	0	—	17.9	15.6	48
EZBEKIYA	00	7	28	1	0	0	—	17.0	15.3	58
GIZA	00	8	32	1	0	0	—	16.8	15.1	67
HELWAN	05	6	28	2	0	0	—	16.4	14.3	54
SUEZ	00	9	32	3	0	0	—	17.0	15.7	49
UPPER EGYPT										
FAIYUM	00	8	32	2	0	0	—	17.0	14.6	48
MINYA	00	8	32	2	0	0	—	17.0	15.9	45
ASYUT	00	7	30	1	0	0	—	17.0	15.5	42
QENA	02	8	22	2	2	5	8	15.0	14.9	67
LUXOR	02	7	30	2	2	5	3	15.4	15.5	70
ASWAN										
WESTERN DESERT										
SIWA	00	8	22	2	0	0	—	18.2	16.5	56
BAHARIYA	00	9	00	0	0	0	—	18.2	14.5	39
KHARGA	00	9	02	3	0	3	1	15.8	16.3	25
DAKHLA	00	8	28	2	0	0	—	16.2	17.0	26
RED SEA										
TOR	00	7	28	3	0	0	—	14.8	18.7	77
HURGHADA	00	9	30	4	0	0	—	14.8	18.0	62
QUSEIR	00	8	32	2	0	3	1	13.8	20.3	62
PORT SUDAN										
NORTH SUDAN										
WADI HALFA	01	7	30	4	1	3	4,5	12	19	26
KAREIMA	00	8	08	1	0	2	4	7	32	36
ATBARA	00	7	12	2	0	0	—	4	34	27
KHARTUM										
KASSALA	00	8	02	1	0	0	—	0	43	24
CENTRAL SUDAN										
WAD MEDANI	00	8	08	2	0	0	—	1	43	08
DUEIM										
RENK	00	9	28	3	0	0	—	3?	43	15
ROSEIRES	00	7	24	2	0	0	—	3?	43	31
EL OBEID	00	9	06	3	0	0	—	3	33	36
EL FASHER	00	8	12	1	0	3	1	—	33	32
GENEINA	01	8	00	0	0	4	2	—	34	16
KADUGLI	00	8	04	4	0	0	—	1	43	—
SOUTH SUDAN										
MALAKAL	00	8	18	1	0	2	8,4	2	43	14
WAU	02	8	22	1	1	8	4,1	4?	34?	25
JUBA	05	7	18	1	1	6	2	3	43	16

At 8 h. on THURSDAY 4th الساعة ٨ يوم الخميس ٤

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM																			130
MATRUH	00	9	20	2	0	0	—	16.0	-2.6	7.2	—	—	—	—	66	0	58	77	131
DIKHEILA																			150
ALEXANDRIA	00	8	18	2	0	0	—	15.6	-3.4	10.0	15	-4	7	-4	64	0	153	103	132
DAMIETTA	00	6	18	1	0	0	—	16.4	—	6.5	16		4		65	0	63	43	159
PORT SAID	00	6	18	2	0	0	—	15.9	-1.8	11.2	17	-2	9	-2	65	0	48	33	134
EL ARISH	00	9	20	—	0	0	—	16.2	-2.4	12.2	19	0	6	-1	70	0	166	35	135
DAMANHUR	00	6	20	3	0	0	—	16.0	-2.6	5.3	17	-3	4	-4	76	0	~~56~~ 42	39	136
MANSURA	01	7	30	1	1	3	8	16.3	—	4.8	18	-2	3	-5	74	0	31	17	137
TANTA	00	7	00	0	0	0	—	16.6	-2.5	5.0	17	-3	2	-5	81	0	28	14	138
ZAGAZIG	09	5	20	2	0	4	8	17.4	-1.7	6.8	18	-2	4	-3	80	0	32	10	139
ALMAZA	05	6	00	0	0	2	4	17.2	—	8.0	16		5		69	0	40		141
EZBEKIYA	40	3	00	0	4	9	—	16.4	-3.2	6.3	17	-3	5	-3	86	0	37	9	
GIZA	40	3	00	0	4	9	—	16.7	-3.3	3.6	16	-3	1	-5	92	0	34	10	
HELWAN	05	5	00	0	0	2	4	16.7	-2.9	6.0	14	-6	4	-4	70	0	46	9	143
SUEZ	01	8	32	3	1	4	8	16.6	-2.3	10.5	17	-3	6	-4	67	0	~~140~~ 36	9	144
FAIYUM	04	3	00	0	4	3	6	17.0	-2.4	4.1	16	-5	3	-3	92	0	72	3	153
MINYA	09	6	30	1	4	5	2	16.4	-3.5	6.8	16	-4	4	-2	91	0	tr.		154
ASYUT	01	6	22	1	2	5	4	15.8	-4.4	7.1	18	-2	6	0	86	0	14	3	155
QENA	03	7	22	2	2	8	4	14.4	-4.6	11.4	17	-6	9	+2	71	0	20		156
LUXOR	03	6	24	1	2	8	7	15.0	—	12.7	17		10		78	0	tr.		157
ASWAN	21	9	32	3	8	7	7	13.1	-6.0	15.0	20	-3	12	+1	49?	dr	dr.	—	158
SIWA	00	7	00	0	0	0	—	18.3	-2.4	0.8	17	-3	-5	-9	85	0	2	5	148
BAHARIYA	00	9	00	0	0	0	—	17.8	-2.5	3.0	15		1		83	0	7		149
KHARGA	02	9	04	3	2	6	5	14.8	-4.6	7.3	22	-1	4	-3	—	0	4	—	151
DAKHLA	03	5	28	1	2	8	9	15.5	-5.1	9.5	18	-4	4	-1	61	0	tr.		152
TOR	02	5	06	3	1	6	9	13.5	-4.5	13.0	20	-1	9	0	86	0	3	7	145
HURGHADA	02	8	26	4	2	7	8	15.1	-2.9	—	21	-1	8	-3	66	0	8	—	146
QUSEIR	03	8	24	2	2	8	6	14.2	-3.5	16.4	21	-3	14	0	62	0	20	—	147
PORT SUDAN																0	81	84	169
WADI HALFA	02	8	02	3	1	7	4	11		17					22	0	0		165
KAREIMA	00	7	32	2	0	0	—	11		19					40	0	0	1	166
ATBARA	00	8	28	3	0	0	—	9		23					57	0	0	2	167
KHARTUM																0	tr.	4	168
KASSALA	00	8	00	0	0	0	—	7		26					58	0	9	8	170
WAD MEDANI	00	8	32	1	0	0	—	9		21					57	0	8	12	171
DUEIM																0	4	13	173
RENK	00	9	28	3	0	0	—	8		26					40	—	—	49	182
ROSEIRES	00	7	16	2	0	0	—	8		24					54	0	1	36	172
EL OBEID	01	9	30	3	0	4	1	12?		19					40	0	6	16	174
EL FASHER	02	8	04	2	1	6	—	—		20					43	0	5	6	175
GENEINA	05	8	08	1	1	5	2	—		16					32	—	—	4	179
KADUGLI	02	8	08	2	1	6	2	—		24					34	—	—	89	187
MALAKAL	01	7	16	1	1	4	1	10		23					69	0	48	88	176
WAU	02	8	20	1	1	8	4,2	10		23					61	0	178	143	177
JUBA	05	7	16	3	1	6	2	11		26					62	0	147	144	178

UPPER WINDS ON 4th يوم ٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	FASHER	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	8 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.
						023520	020120	100910	100805	100120	101225		102725	101935
						053535	050225	152030	152305	150705	151305		1521 —	152035
						103425	101615	202230	202115	202610	201710		202510	
						152610	152025	302260	401815	301615	302105		301215	
						201935		402390	451620	401535			351115	
						252045			502615	451325				
						302345				501330				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 3rd	Diff. from normal	Wet bulb temp °C on 3rd	Diff. from normal
Alexandria	69	+3	9.5	-2.8
Ezbekiya	78	+9	9.0	-1.7
Giza	87	+13	8.5	-1.9
Helwan	78	+20	7.5	-2.3

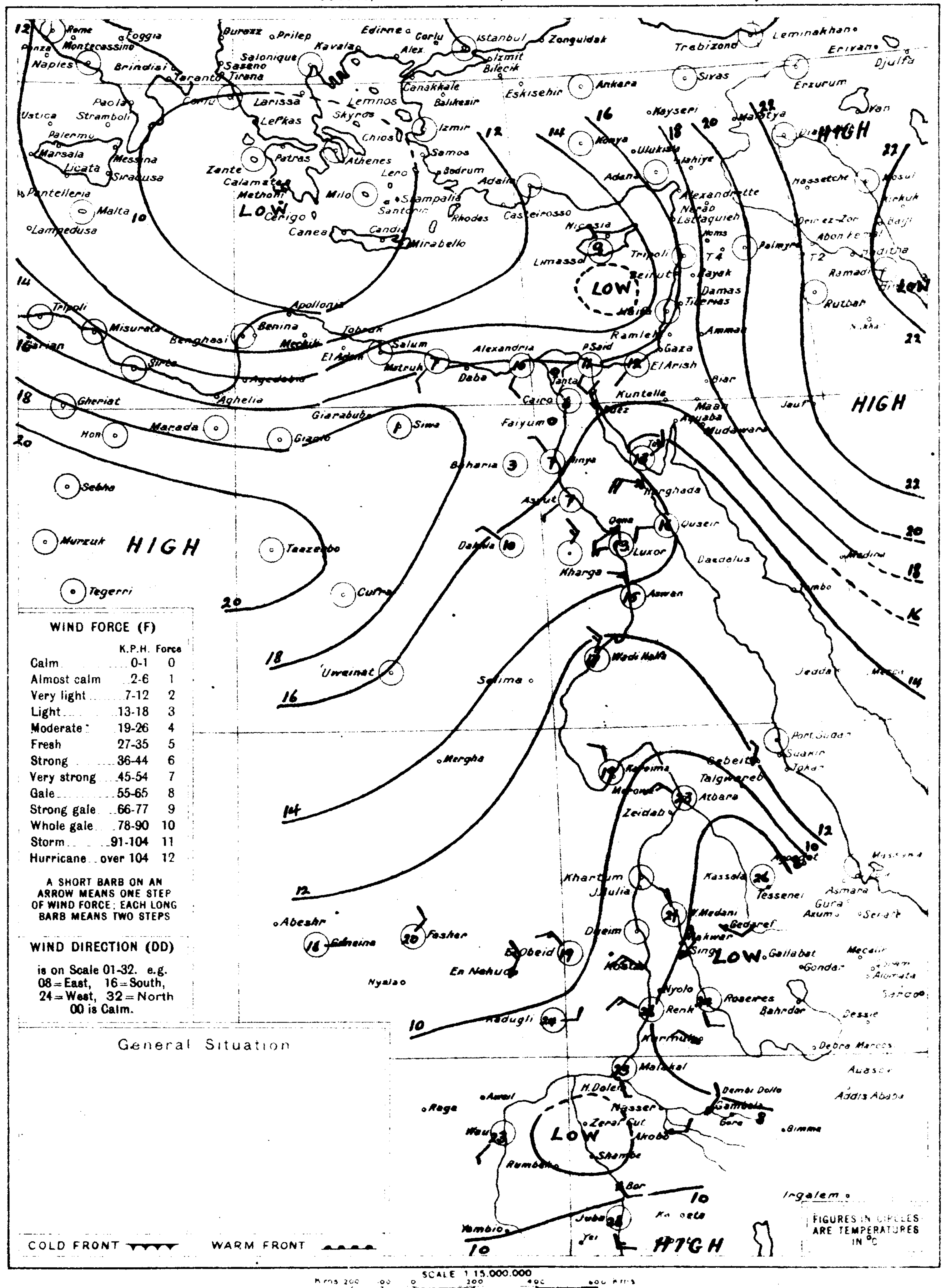
Giza Grass minimum on 4th -0.7 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
4-1	868	1157
3-1	868	1157

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		12.74	-0.68	12.75	-0.68
Nasser		6.70	-0.64	6.77	-0.66
Malakal		11.02	-0.60	11.04	-0.61
Roseires		12.50	+0.14	12.55	+0.16
Sennar Res		—	—	20.70	—
J. Aulia U.S		377.33	—	377.30	—
J. Aulia D.S	1	371.37	-0.75	371.37	-0.76
Khartum		10.49	-0.77	10.48	-0.79
Kh. el Girba	4				
Atbara		10.43	-0.36	10.42	-0.39
Kajnarti		132.81	-1.31	132.86	-1.29
Aswan Res.		120.86	—	120.83	—
Aswan D.S.		85.15	-1.04	85.16	-1.03
Roda (Cairo)		14.66	-0.23	14.63	-0.28

١٩٤٥-١-٤ Isobars, Wind and Temperature at 8 h. 4-1-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

At 8 h. on 4th الساعة ٨ يوم ٤

STATION محطة	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Nag Hamadi	02	8	30	1	0	7	4	14.2	—	9.9	17	—	7	—	74	0	16	—
Limassol	02	7	30	2	2	5	—	13.9	-3.7	9	—	—	—	—	—	0	376	204
SHIPS سفن																		

Remarks
Water Temp. River Nile Cairo 14.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain [illegible]	10
Thunder [illegible] rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog, Thick Haze	40-49
Mod. Fog [illegible] last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	87-89
Thunderstorm	90-99
[illegible] Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise h. 06 m. 52
Sunset h. 17 m. 09

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month JANUARY, 1945 ١٩٤٥ شهر يناير

At 14 h. on 4th — الساعة ١٤ يوم ٤ ; At 8 h. on FRIDAY 5th — الساعة ٨ يوم الجمعة ٥

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM																						—		—				—	130
MATRÛH	00	9	22	4	0	0	—	12.6	14.0	67	00	8	22	6	0	0	—	16.0	-2.6	8.0	15	-3	4	-5	86	0	58	79	131
DIKHEILA																						—		—				—	150
ALEXANDRIA	00	9	20	3	0	0	—	13.2	14.7	60	00	9	20	5	0	0	—	15.6	-3.4	7.8	15	-4	5	-6	64	0	153	105	132
DAMIETTA	01	8	28	2	1	4	4	12.8	14.8	50	00	8	20	3	0	0	—	17.1	—	5.9	15	—	4	—	60	0	63	44	159
PORT SAÏD	01	8	30	2	1	4	4	13.2	14.3	44	06	7	18	5	3	0	—	17.2	-0.5	8.8	15	-4	8	-3	49	0	48	34	134
EL 'ARÎSH											00	9	20	—	0	0	—	16.2	-2.4	11.2	18	0	7	0	36	0	166	36	135
LOWER EGYPT																													
DAMANHÛR	00	7	24	3	0	3	1	14.3	16.3	76	00	6	20	4	0	0	—	—	—	6.2	17	-3	4	-4	87	0	42 (56 struck)	40	136
MANṢÛRA	01	7	30	2	1	4	8	13.5	15.6	54	00	8	20	2	0	0	—	17.4	—	4.5	17	-3	2	-6	71	0	31	17	137
TANTA	02	7	24	1	2	6	8	13.4	15.0	47	00	7	24	3	0	0	—	19.1	0.0	6.0	17	-3	2	-5	70	0	28	15	138
ZAGAZIG	02	7	20	2	1	5	8	13.6	15.0	58	00	7	12	2	0	0	—	19.4	+0.3	6.7	15	-5	4	-3	64	0	32	10	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	8	30	1	1	4	4	14.7	13.7	46	00	7	18	3	0	0	—	19.6	—	7.0	14	—	6	—	57	0	40	—	141
CAIRO EZBEKÎYA	02	7	28	1	1	6	8	15.0	13.8	40	00	5	14	2	0	0	—	19.9	+0.3	8.2	16	-4	6	-2	58	0	37	9	—
CAIRO GÎZA	02	7	00	0	2	5	8	14.8	14.1	36	05	6	14	2	0	0	—	19.6	-0.4	7.4	15	-4	3	-3	72	0	34	10	—
HELWÂN	02	7	28	2	1	5	4	13.5	12.6	38	05	6	14	2	0	0	—	20.2	+0.6	6.0	13	-6	4	-5	56	0	46	9	143
SUEZ	03	8	32	3	2	8	5	13.9	13.7	49	00	8	08	3	0	0	—	19.9	+1.0	14.0	18	-2	9	-1	42	0	32 (tr. struck)	9	144
UPPER EGYPT																													
FAIYÛM	02	8	30	2	2	6	6	14.0	13.2	41	00	6	30	2	0	0	—	20.6	+1.2	4.4	15	-6	3	-3	62	0	72	3	153
MINYA											00	7	12	1	0	0	—	21.6	+1.7	6.2	14	-6	4	-2	72	0	tr.	—	154
ASYÛT	03	7	30	1	2	8	6	14.0	13.5	55	00	6	22	1	0	0	—	—	—	7.1	15	-6	4	-2	59	0	14	3	155
QENA	03	6	26	3	2	8	8	11.0	11.8	76	01	7	04	2	2	4	3	22.0	+3.0	11.4	13	-10	8	+1	37	dr	20	—	156
LUXOR	03	6	10	2	2	8	7	12.2	15.5	63	01	7	26	3	1	5	3	21.9	—	13.0	16	—	10	—	35	0	tr.	—	157
ASWÂN	02	9	32	1	1	5	6	9.9	17.3	45	01	9	32	3	1	4	4	20.3	+1.2	13.0	18	-5	10	-1	39	dr.	dr.	—	158
WESTERN DESERT																													
SIWA	00	8	18	3	0	0	—	16.2	14.3	40	00	7	22	2	0	0	—	19.0	-1.7	6.0	14	-6	4	0	72	0	2	5	148
BAHARIYA	01	9	00	0	1	4	—	15.0	15.0	34	00	9	08	1	0	0	—	19.2	-1.1	6.0	17	—	2	—	70	0	7	—	149
KHARGA											00	9	30	3	0	0	—	21.9	+2.5	5.2	17	-6	3	-4	71	0	4	—	151
DAKHLA	03	6	28	2	2	8	9	13.6	15.5	27	00	7	24	1	0	0	—	23.1	+2.5	4.0	16	-6	3	-2	52	0	tr.	—	152
RED SEA																													
TÔR	03	5	28	3	2	8	7	11.1	16.8	78	00	7	32	3	0	0	—	18.7	+0.7	14.0	17	-4	11	+2	39	0	1	7	145
HURGHÂDA											01	7	28	5	1	4	9	19.0	+1.0	14.0	17	-5	11	0	58	0	8	—	146
QUṢEIR	05	8	24	2	2	8	6	10.6	19.0	64	03	8	28	1	2	8	5	—	—	15.6	20	-4	15	+1	77	0	20	—	147
PORT SUDAN																										0	81	85	169
NORTH SUDAN																													
WÂDI HALFA	00	8	30	3	1	1	1	8	22	25	01	8	30	4	0	3	1	21		11					38	0	0	—	165
KAREIMA	00	8	12	1	0	0	—	5	32	09	18	5	02	5	1	4	4,2	17		16					19	0	0	1	166
'ATBARA	00	8	10	3	0	0	—	3	35	23	18	6	30	5	0	3	1	12		22					31	0	0	2	167
KHARTÛM																										0	tr.	4	168
KASSALA	00	8	16	1	0	0	—	1	38	29	01	8	08	2	1	4	2	10		25					89	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	16	1	0	1	1	1	36	22	00	8	30	3	0	0	—	12		22					38	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	20	3	0	0	—	3	37	20	00	9	30	3	0	0	—	10	—	24		—		—	47	—	—	49	182
ROSEIRES	00	7	16	2	0	0	—	3	38	33	00	7	30	2	0	0	—	10		20					—	0	1	36	172
EL OBEID	01	9	04	2	1	3	1	2	34	20	00	8	30	3	0	0	—	13		20					35	0	6	16	174
EL FASHER	01	8	04	1	1	4	1	—	34	29	01	8	32	4	1	3	1	—		19					40	0	5	6	175
GENEINA	01	8	22	1	1	3	2	—	33	12	05	9	04	4	0	2	1	—		23					19	—	—	4	179
KADUGLI	02	7	20	2	1	6	2	4	38	22	01	7	04	3	1	4	1	—		36					15	—	—	89	187
S. SUDAN																													
MALAKÂL	05	7	28	2	1	0	—	4	34	32	00	7	32	3	0	2	1	10		25					58	0	48	88	176
WÂU	02	8	24	3	1	7	2	5	34	29	00	8	00	0	0	0	—	11		24					65	0	178	143	177
JÛBA	05	7	20	2	1	5	8,1	6	36	25	05	7	00	0	1	5	4	12		25					89	0	147	144	178

UPPER WINDS ON 5th — الرياح العليا يوم ٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAÏD	HELWÂN	MINYA	ASYUT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.
											10 27 15	10 01 50	10 18 10	
											20 01 20	15 04 10	15 23 10	
											30 03 05	20 29 05	20 05 15	
											40 14 20			

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 4th	Diff. from normal	Wet Bulb Temp °C on 4th	Diff. from normal
Alexandria	58	-8	9.0	-3.2
Ezbekiya	63	-6	6.7	-4.0
Gîza	81	+7	6.2	-4.1
Helwân	60	+2	6.1	-3.6

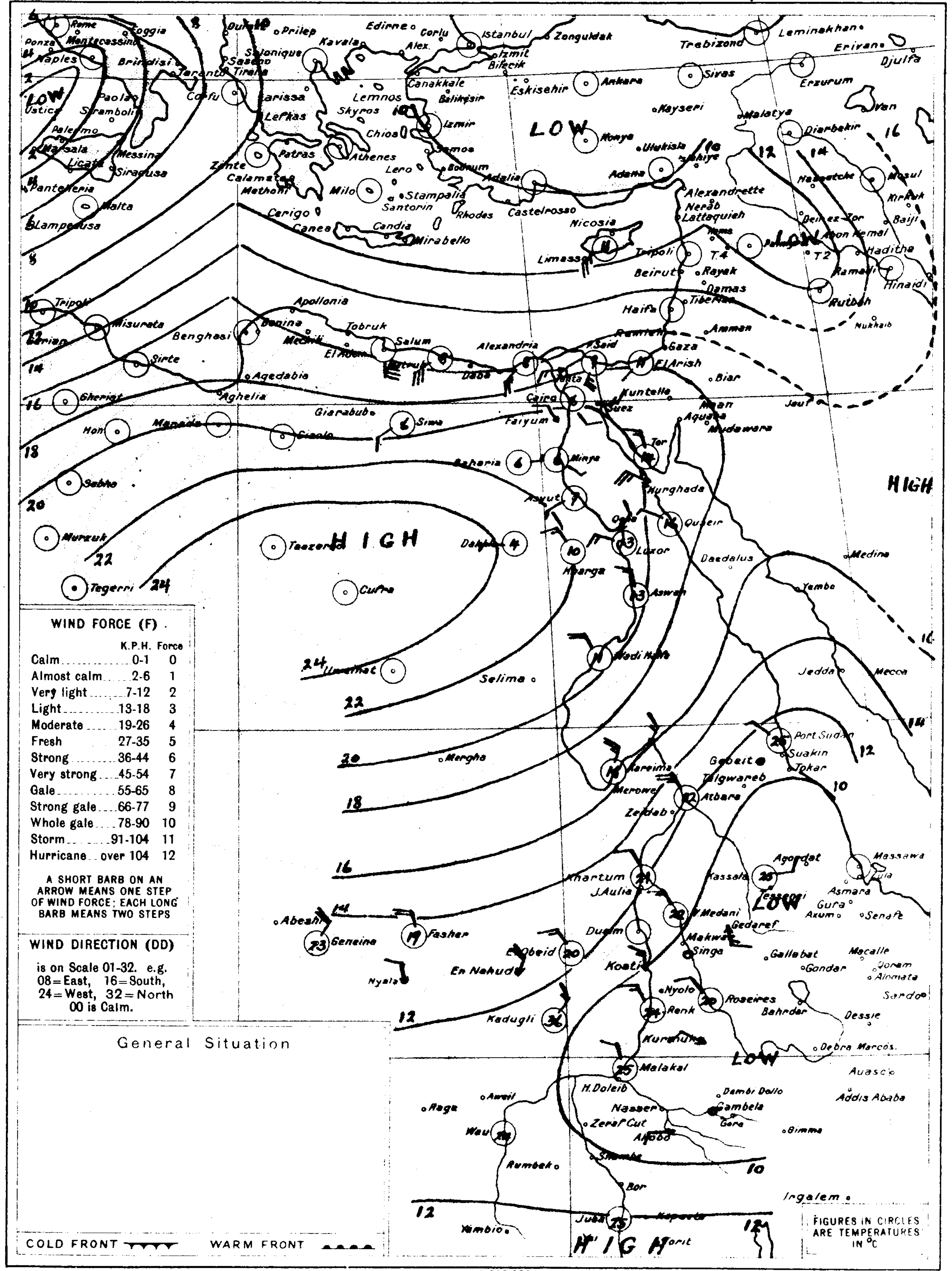
Gîza Grass minimum on 5th 0.3 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
5-1	610	1157
4-1	668	1157

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		12.73	-0.69	12.74	-0.68
Nâsser		6.63	-0.67	6.70	-0.64
Malakâl		10.99	-0.60	11.02	-0.60
Roseires		12.45	+0.12	12.50	+0.14
Sennâr Res.		20.69	—	—	—
J. Aulia U.S	5	377.25	—	377.33	—
J. Aulia D.S	1	371.41	-0.69	371.37	-0.75
Khartûm	45	10.46	-0.79	10.49	-0.77
Kh. el Girba					
'Atbara		10.44	-0.34	10.43	-0.36
Kajnarti		132.76	-1.33	132.81	-1.31
Aswân Res.		120.89	—	120.86	—
Aswân D.S.		[illegible].08	-1.15	85.15	-1.04
Roda (Cairo)		[illegible].75	-0.13	14.66	-0.23

١٩٤٥-١-٥ Isobars, Wind and Temperature at 8 h. 5-1-1945



SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 5th — الساعة ٨ يوم ٥

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Nag Hamadi	00	8	26	1	0	0	—	21.5	—	10.0	12	—	8	—	50	0	16	—
Limassol	03	6	20	5	6	8	—	10.4	-7.2	11	—	—	—	—	—	2	378	208
SHIPS سفن																		

Remarks
Water Temp. River Nile Cairo 14.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)	
Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

CAIRO
Time of Sunrise 6 h 52 m
Sunset 17 h 10 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month *JANUARY* 1945 ١٩٤٥ شهر يناير

At 14 h on *5th* ٥ الساعة ١٤ يوم — At 8 h on *SATURDAY 6th* السبت ٦ الساعة ٨ يوم

STATION	14h Present weather ww	14h Visib.	14h Wind DD	14h Wind F	14h Past weather W	14h Cloud N	14h Cloud C	14h Bar. press. M.S. 1000+	14h Temp.	14h Humidity	8h Present weather ww	8h Visibility V	8h Wind DD	8h Wind F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. M.S.L. 1000+ mbs PPP	8h Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
SALUM																													130
MATRUH	00	9	26	4	0	0	—	16.0	16.2	77	02	9	24	2	1	5	6	22.7	+4.1	10.0	16	-2	4	-5	74	0	58	80	131
DIKHEILA																													150
ALEXANDRIA	00	8	20	6	0	0	—	15.4	14.0	78	02	8	00	0	5	6	4	24.6	+5.6	13.2	15	-4	5	-6	93	2	155	107	132
[illegible]	05	5	20	5	0	0	—	16.3	12.9	54	00	7	20	2	1	2	8	24.3	—	7.9	13		6		85	0	63	45	159
[illegible]	14	7	18	5	3	0	—	16.8	13.9	51	01	7	18	3	1	4	4	23.8	+6.1	9.2	14	-5	8	-3	75	0	48	35	134
[illegible]											01	9	20	1	1	3	8	23.0	+4.4	14.8	20	+2	9	+2	56	0	166	36	135
DAMANHUR	00	6	22	6	0	0	—	16.3	15.0	87	02	6	04	2	2	5	4	24.4	+5.8	8.6	17	-3	7	-1	92	0	42	40	136
[illegible]	00	8	20	3	0	0	—	15.4	14.0	89	02	6	28	2	2	5	9	23.8	—	8.0	15	-5	5	-3	86	0	31	18	137
[illegible]	00	8	24	4	0	0	—		13.5	51	02	7	00	0	2	5	8	25.2	+6.0	7.5	14	-6	6	-1	79	0	28	15	138
[illegible]	00	7	20	5	0	0	—	17.1	13.6	83	00	6	16	3	0	2	8	23.6	+4.5	8.2	15	-5	6	-1	82	0	32	10	139
CAIRO ALMAZA	00	7	20	4	0	0	—	19.4	13.7	46	05	6	12	2	0	0	—	24.3	—	10.1	14		7		63	0	40	—	141
CAIRO EZBEKIYA	00	8	16	4	0	1	8	18.7	14.0	45	09	5	14	1	0	0	—	25.4	+5.8	10.2	16	-4	8	0	68	0	37	9	
CAIRO GIZA	00	8	14	3	0	0	—	19.0	16.3	42	05	6	18	1	0	0	—	25.0	+5.0	8.0	17	-2	5	-1	82	0	34	11	—
HELWAN	05	7	18	4	0	1	4	19.5	12.1	47	00	6	08	1	0	0	—	24.7	+5.1	8.0	13	-6	6	-3	67	0	46	10	143
SUEZ											00	8	00	0	0	0	—	25.0	+6.1	10.2	18	-2	0	-4	—	0	31	9	144
FAIYUM	00	7	30	3	0	0	—	19.6	15.3	40	00	7	14	1	0	0	—	25.1	+5.7	4.4	16	-5	3	-3	77	0	72	3	153
MINYA	00	8	26	2	0	0	—	20.6	15.4		00	8	12	1	0	0	—	24.3	+4.4	7.5	17	-3	2	-4	66	0	tr.	—	154
ASYUT	00	7	26	2	0	0	—	21.0	14.0	37	00	6	22	1	0	0	—	25.1	+4.9	7.2	15	-5	2	-4	69	0	14	3	155
QENA	00	9	26	2	1	0	—	18.0	15.6	26	01	8	28	1	0	3	1	24.2	+5.1	6.4	17	-6	7	-5	79	0	20	—	156
LUXOR	00	7	30	3	0	0	—	20.2	16.0	45																	tr.	—	157
ASWAN											01	9	00	0	1	3	1	21.5	+2.4	7.0	17	-6	4	-7	57	0	tr.	—	158
SIWA	00	8	24	4	0	0	—	20.0	16.5	65	00	7	00	0	0	0	—	24.2	+3.5	2.5	17	-3	-1	-5	74	0	2	5	148
BAHARIA	00	9	32	1	0	0	—		15.5	45	00	9	00	0	0	0	—	26.3	+6.0	3.1	18		1		81	0	7	—	149
KHARGA	00	9	32	3	0	0	—	20.7	14.8	19	00	9	30	2	0	3	1	23.0	+3.6	4.2	17	-6	2	-4	65	0	4	—	151
DAKHLA	00	8	28	2	0	0	—	21.4	14.0	28	00	7	00	0	0	0	—	25.1	+4.5	1.0	15	-7	-1	-6	90	0	tr.	—	152
TOR	00	7	28	3	0	0	—	18.4	17.2	60	00	7	02	3	0	0	—	22.7	+4.7	11.2	18	-3	6	-3	75	0	3	7	145
HURGHADA											00	9	26	4	0	0		23.5	+5.7	12.0	19	-4	7	-4	43	0	8	—	146
QUSEIR	00	8	32	2	0	0	—	16.8	20.0	—	00	8	30	1	0	0	—	21.8	+4.1	13.6	21	-2	11	-3	44	0	20	—	147
PORT SUDAN																										0	81	85	169
WADI HALFA	18	6	30	5	1	2	4	18	18	17	00	8	30	3	1	2	4,1	21		8					37	0	0	—	165
KAREIMA	33	3	04	5	3	9	—	14	23	16	00	8	02	1	0	0	—	18		12					16	0	0	1	166
ATBARA	33	3	32	5	3	9	—	9	28	40	05	6	04	4	0	0	—	15		18					30	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	01	7	00	0	1	4	4,2	5	36	35	00	8	04	3	0	0	—	11		26					66	0	9	8	170
WAD MEDANI	00	7	32	3	0	0	—	7	34	25	05	4	30	1	4	0		14		18					30	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	3	0	0	—	6	33	26																—	—	49	182
ROSEIRES											01	7	30	2	1	4	1	12		24					54	0	1	36	172
EL OBEID	05	5	32	4	0	0	—	10	27	17	06	5	30	3	0	0	—	16		16					26	0	6	16	174
EL FASHER	00	8	32	4	0	0	—	—	28	35	05	5	30	1	0	0	—	—		14					39	0	5	6	175
GENEINA	05	8	04	4	0	0	—	—	24	11	05	7	02	3	1	5	2	—		—					—	—	—	4	179
KADUGLI	00	7	04	4	0	0	—	8	34	20	08	5	04	4	0	6	2	13		21					28	—	—	89	187
MALAKAL	01	8	02	2	1	4	8	5	36	26	05	6	02	4	0	0	—	12		23					24	0	48	88	176
WAU	00	8	02	1	0	2	8	5	37	22	01	8	00	0	1	3	1	12		23					38	0	178	143	177
JUBA	05	7	08	1	1	6	8,4	6	36	27	01	8	30	2	1	4	4,1	12		25					54	0	147	144	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 6th ٦ ...

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8h 45m	MINYA	ASYUT 7h	ASWAN 7h	WADI HALFA 7h	KAREIMA 8h	KHARTUM	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA 7h
				02 26 05		02 36 15	02 02 30	10 05 55	10 01 30		10 07 15	10 01 40	10 03 75	10 35 20
				05 33 10		05 02 20	05 05 35	15 06 25	15 05 10		15 07 30	15 01 45	15 07 20	15 03 15
				08 03 15		10 04 30	10 10 15	20 27 15	20 28 05		20 05 30	20 05 30		20 03 10
				10 04 30		15 06 30	15 07 02		30 28 20		30 34 05			30 05 10
				15 04 30		20 05 30	20 04 10		40 29 20					
				20 02 25		25 08 15			45 27 15					
				23 33 20		30 06 10								
				25 29 15										
				30 22 15										
				40 28 35										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 6th	Diff. from normal	Wet bulb temp °C on 6th	Diff. from normal
Alexandria	63	-3	9.9	-2.2
Ezbekiya	53	-16	7.3	-3.3
Giza	71	-3	7.9	-2.4
Helwan	57	-1	5.7	-4.4

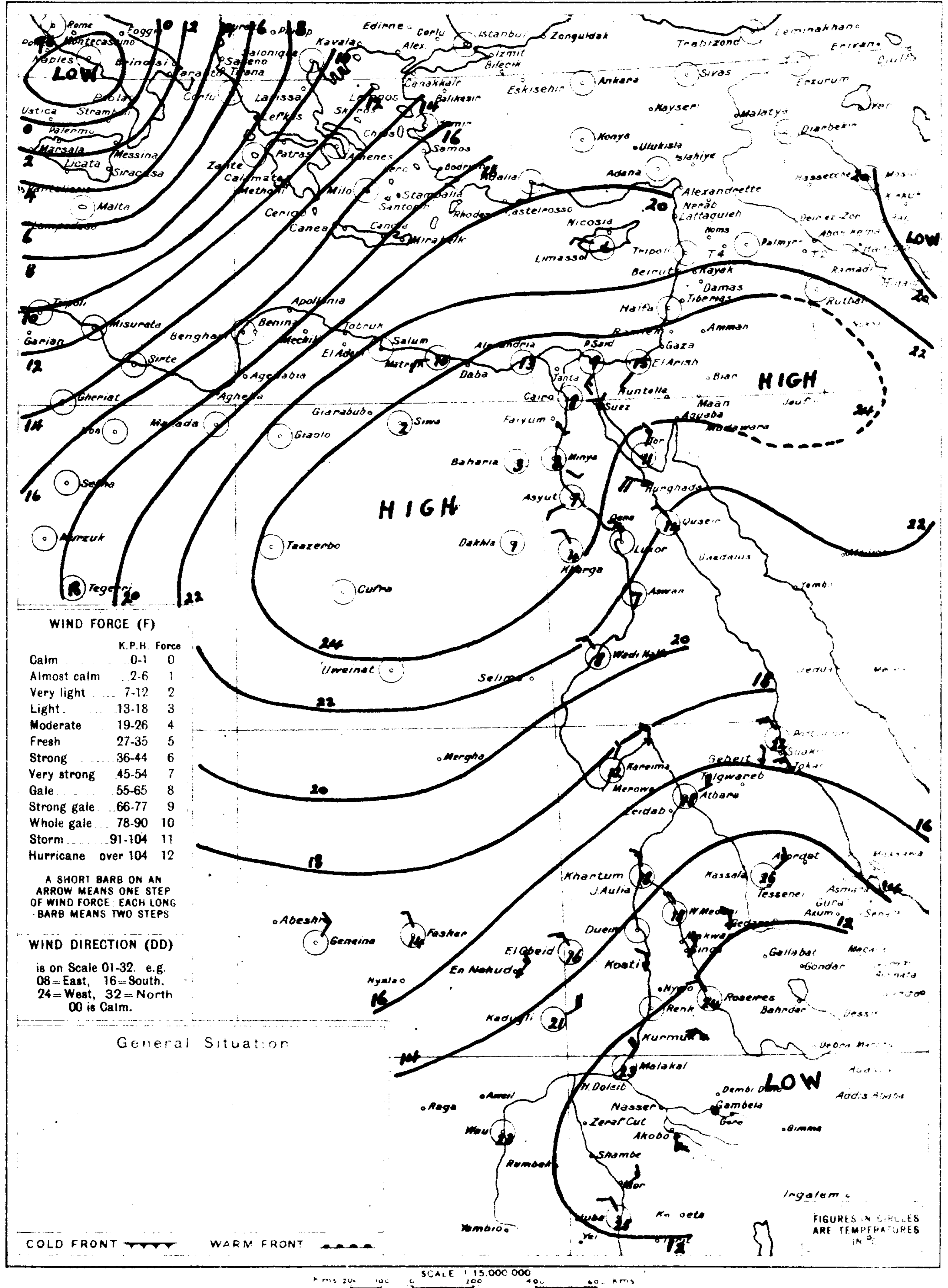
Giza Grass minimum on 6th 3.2 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1945	1944
6-1		1157
5-1	810	1157

GAUGE	Date 1940	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	6-1-1945	—	—	12.73	-0.69
Nasser		—	—	6.63	-0.61
Malakal		10.96	-0.60	10.99	-0.60
Roseires		12.42	+0.11	12.45	+0.12
Sennar Res		—	—	20.69	—
J. Aulia U.S		—	—	377.25	—
J. Aulia D.S		—	—	371.41	-0.69
Khartum		10.48	-0.76	10.46	-0.79
Kh. el Girba					
Atbara		10.44	-0.33	10.44	-0.34
Kajnarti		—	—	132.76	-1.33
Aswan Res.		—	—	120.89	—
Aswan D.S.		—	—	96.04	-1.18
Roda (Cairo)		14.75	-0.12	14.75	-0.13

١٩٤٥-١-٦ Isobars, Wind and Temperature at 8 h *6-1-1945*



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h on *6th* الساعة ٨ يوم ٦

STATION	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	9	26	1	1	2	—	21.8	+4.2	6	—	—	—	—	—	8	386	211
Nag hamadi	00	8	00	0	0	0	—	23.8	—	6.4	16	—	1	—	72	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 14.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low fog	04
Thick haze	05
[illegible]	09
[illegible]	07
[illegible] Haze	08
[illegible]	09
[illegible]	10
[illegible]	11
[illegible]	12
[illegible]	13
[illegible]	14
[illegible]	15
[illegible]	16-25
[illegible]	28
[illegible]	29
[illegible]	30-34
[illegible] Haze	35-39
[illegible]	40
[illegible]	41
[illegible]	49
[illegible]	50-59
[illegible]	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
of Snow	[illegible]
of Sleet	[illegible]
of Hail	[illegible]
Thunderstorm	90-99
with Snow Hail	94
with Rain	95
with Duststorm	98
heavy with Hail	98

PAST WEATHER (W)

Clear slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm [illegible]	3
Fog [illegible]	4
Drizzle	5
Rain	6
Snow sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO

Time of Sunrise h. m. 06 52

Sunset 17 11

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month JANUARY, 1945 ١٩٤٥ شهر يناير

Region	STATION	At 14 h. on 6th — ww Present weather	V Visibility	DD Wind Dir.	F Wind Force	W Past weather	N Cloud Amount	C Cloud Form	PPP Bar. press. M.S.L. 1000+ mbs.	TTT Temp. °C	UU % Humidity	At 8 h. on SUNDAY, 7th — ww Present weather	V Visibility	DD Wind Dir.	F Wind Force	W Past weather	N Cloud Amount	C Cloud Form	PPP Bar. pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry Bulb °C	MM Maximum Yesterday °C	Diff. from norm. °C	mm Minimum Today °C	Diff. from norm. °C	UU % Humidity	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN	SALÛM																						—		—				—	130
	MATRÛH	01	9	20	1	1	4	8	22.7	18.0	57	03	8	16	1	2	8	6	19.1	+0.5	10.8	18	0	7	-2	94	0	58	82	131
	DIKHEILA																						—		—				—	150
	ALEXANDRIA	02	9	00	0	2	5	8	23.1	15.7	72	02	8	12	1	2	6	4	19.4	+0.4	15.3	18	-1	7	-4	59	0	155	109	132
	DAMIETTA	01	8	14	1	1	5	6	23.2	16.8	65	01	7	12	1	1	3	5	19.2	—	13.2	20	—	8	—	87	0	63	46	159
	PORT SAÎD	01	6	30	2	1	4	4	23.2	17.1	68	01	6	08	2	1	4	1	19.0	+1.3	15.0	19	0	10	-1	81	0	48	36	134
	EL 'ARISH	01	9	00	0	1	3	8	23.5	17.6	54	01	9	00	0	1	3	8	19.9	+1.3	10.0	20	+2	7	-0	76	0	166	37	135
LOWER EGYPT	DAMANHÛR	02	6	08	3	2	5	8	22.8	16.4	69	01	6	04	2	0	3	1	19.4	+0.8	8.4	20	0	7	-1	92	0	42 ~~46~~	41	136
	MANṢÛRA	01	8	28	2	1	3	8	23.4	19.0	66	01	8	08	1	1	3	6	19.4	—	8.3	21	+1	7	-1	92	0	31	18	137
	TANTA	00	8	00	0	0	0	—	21.9	18.0	62	00	7	00	0	0	0	—	19.4	+0.2	6.5	19	-1	4	-3	96	0	28	15	138
	ZAGÂZIG	00	7	32	2	0	2	8	23.2	17.2	66	00	7	06	2	0	0	—	19.1	0.0	7.8	20	0	7	0	100	0	32	11	139
MIDDLE EGYPT	CAIRO ALMÂZA	00	7	06	3	0	0	—	23.4	16.3	51	01	7	00	0	1	4	4	19.1	—	10.2	17	—	8	—	83	0	40	—	141
	CAIRO EZBEKIYA	00	7	26	1	0	1	4	22.8	16.7	54	08	4	00	0	4	0	—	19.1	-0.5	8.5	19	-1	6	-2	87	0	37	10	—
	CAIRO GÎZA	00	7	28	1	0	2	4	22.6	17.9	55	04	3	00	0	4	0	—	19.2	-0.8	4.4	19	0	4	-2	93	0	34	11	—
	HELWÂN	05	6	28	2	0	2	8	22.6	15.2	55	09	6	00	0	0	3	1	18.6	-1.0	9.1	17	-2	8	-1	81	0	46	10	143
	SUEZ	00	9	32	3	0	0	—	22.2	17.2	53	00	8	00	0	0	0	—	18.3	-0.6	—	18	-2	7	-3	61	0	~~49~~ 56	9	144
UPPER EGYPT	FAIYÛM	00	8	02	1	0	0	—	23.0	15.5	49	08	4	00	0	4	3	6	19.4	0.0	6.8	17	-4	4	-2	85	0	72	3	153
	MINYA	00	9	02	2	1	2	2	18.7	17.0	36	00	7	10	1	0	0	—	19.0	-0.9	7.2	17	-3	2	-4	72	0	tr.	—	154
	ASYÛT	01	8	02	1	1	3	2	21.1	17.6	43	40	2	26	1	4	9	—	20.0	-0.3	4.3	20	0	3	-3	96	0	14	3	155
	QENA	01	9	24	1	1	4	1	20.0	16.0	46	01	8	04	1	1	4	1	19.0	-0.1	10.4	16	-7	4	-3	70	0	20	—	156
	LUXOR											00	7	14	1	0	0	—	19.6	—	8.5	20	—	3	—	79	0	tr.	—	157
	ASWÂN											02	9	02	1	1	5	1	17.9	-1.2	11.3	20	-3	6	-4	60	0	dr.	—	158
WESTERN DESERT	SÎWA	00	8	22	2	0	0	—	22.6	16.0	50	02	7	00	0	1	6	4	19.2	-1.5	1.5	17	-3	-2	-6	91	0	2	5	148
	BAHARÎYA	00	9	00	0	0	0	—	22.2	16.0	32	00	9	00	0	0	0	—	20.0	-0.3	6.0	17	—	3	—	70	0	7	—	149
	KHARGA	00	9	30	3	0	2	1	20.0	16.7	26	00	9	30	1	0	2	1	19.2	-0.3	8.0	17	-6	2	-4	62	0	4	—	151
	DÂKHLA	00	8	04	1	0	0	—	21.1	17.0	38	00	7	00	0	0	0	—	19.8	-0.8	2.5	19	-3	1	-4	82	0	tr.	—	152
RED SEA	TÔR	00	7	26	3	0	2	1	20.4	20.2	58	00	7	02	2	0	0	—	18.7	+0.7	11.6	22	+1	7	-2	84	0	2	7	145
	HURGHÂDA	01	8	30	4	1	4	1		19.5	36	00	9	26	2	0	0	—	19.4	+1.3	12.8	19	-3	7	-4	62	0	8	—	146
	QUṢEIR	00	8	32	3	0	0	—	19.6	19.6	55	00	8	24	3	0	0	—	17.6	-0.1	15.4	20	-3	13	-1	68	0	20	—	147
	PORT SUDAN																										0	81	85	169
NORTH SUDAN	WÂDI HALFA	00	8	30	4	0	1	4,1	17	19	26	02	8	28	1	1	5	2	16		18					37	0	0	—	165
	KAREIMA	00	8	04	2	0	0	—	13	26	20	00	8	04	3	0	3	1	14		17					28	0	0	1	166
	'ATBARA	00	8	02	3	0	0	—	9	31	36	00	8	02	3	0	0	—	13		19					56	0	0	2	167
	KHARTÛM																										0	tr.	4	168
	KASSALA	00	8	04	3	0	0	—	5	36	24	00	8	02	1	0	0	—	10		24					74	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	00	8	32	4	4	0	—	6	34	25	00	8	04	4	0	0	—	11		22					61	0	5	12	171
	DUEIM																										0	4	13	173
	RENK	00	9	28	3	0	0	—	6	31	31									—			—		—		—	—	49	182
	ROSEIRES	00	7	16	2	0	0	—	5	38	35	00	7	28	2	0	0	—	11?		23					64	0	1	36	172
	EL OBEID	00	7	02	3	0	0	—	9	27	30	00	8	30	3	0	0	—	12		17					26	0	6	16	174
	EL FASHER	05	5	32	2	1	6	2	—	29	25	01	8	32	2	0	4	2	—		16					28	0	5	6	175
	GENEINA	05	6	03	3	1	4	2	—	31	11																—	—	4	179
	KADUGLI	05	5	04	4	0	0	—	7	32	17	00	8	28	2	0	0	—	10		22					31	—	—	89	187
S. SUDAN	MALAKÂL	05	6	02	4	0	0	—	5	34	19	01	7	32	4	1	3	1	8		24					38	0	46	88	176
	WÂU	02	8	04	1	1	8	4,2	8	32	22	02	8	00	0	1	8	2	10		20					88	0	178	143	177
	JUBA	01	8	02	2	1	4	8,1	5	37	20	05	6	26	1	0	0	—	10		25					48	0	147	144	178

UPPER WINDS ON 7th الرياح العليا يوم ٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAID	HELWÂN	MINYA	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	~~KHARTÛM~~ EL FASHER	KASSALA	EL OBEID	MALAKÂL	JÛBA
h. m.	h. m.	h. m.	h. m.	8 h. 45 m.	h. m.	h. m.	7 h. m.	7 h. m.	8 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.
				02 15 15			02 36 10	10 01 10	10 05 20	10 30 10	10 08 05	10 03 40	10 03 85	10 03 35
				05 20 15			05 06 25	15 31 20	15 04 20	15 08 40	15 11 05	15 06 60	15 06 55	15 05 30
				08 20 10			10 10 30	20 31 25	20 03 20	20 09 40	20 12 05	20 07 60	20 07 20	
				10 20 20			15 33 10	30 29 30	30 02 55	30 08 35	30 25 05	30 08 55	25 07 10	
				15 21 30			20 28 25	40 30 30	40 02 20	40 09 30	40 34 05	40 08 40		
				20 21 25				45 27 20	45 10 05	45 13 50	45 03 10	45 10 30		
				23 20 35				50 24 35	50 14 15	50 05 15	50 03 15	50 11 20		
				25 20 25				60 24 25		60 07 15	55 03 15			
				30 24 20										
				40 22 25										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 6th	Diff. from normal	Wet bulb temp °C on 6th	Diff. from normal
Alexandria	81	+15	12.4	+0.3
Ezbekiya	67	-2	10.3	-0.2
Gîza	75	+1	10.2	0.0
Helwân	64	+6	8.7	-0.9

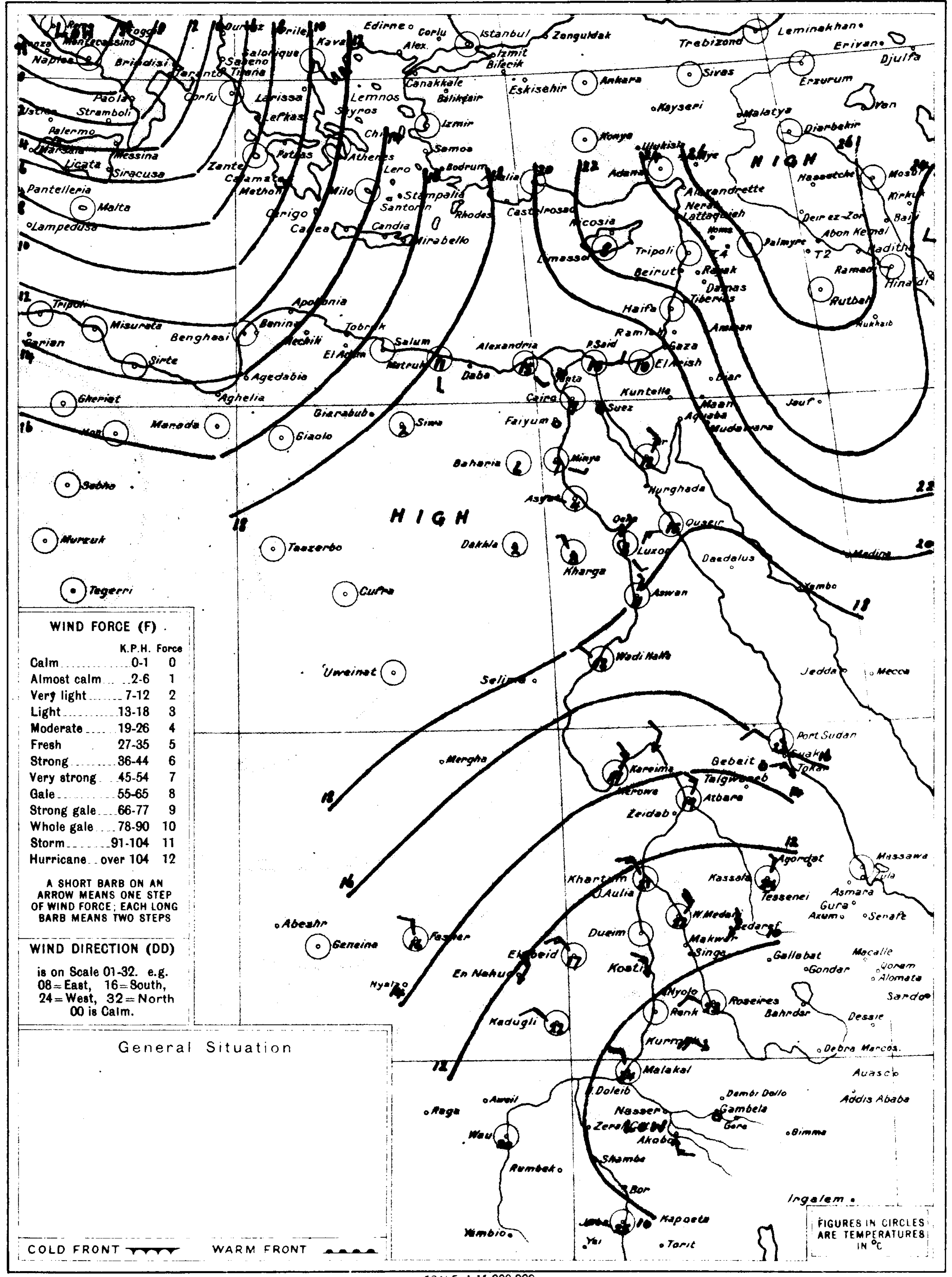
Gîza Grass minimum on 7th 0.6 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
7-1	—	1157
6-1	810	1157

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	12.73	-0.68
Nâsser		—	—	6.55	-0.60
Malakâl		10.94	-0.58	10.96	-0.60
Roseires		12.36	+0.07	12.42	+0.11
Sennâr Res.		—	—	20.67	—
J. Aulia U.S		—	—	377.13	—
J. Aulia D.S		—	—	371.40	-0.69
Khartûm		—	—	10.48	-0.76
Kh. el Girba					
'Atbara		10.424	-0.32	10.44	-0.33
Kajnarti		—	—	132.69	-1.37
Aswân Res.		—	—	120.90	—
Aswân D.S.		—	—	85.05	-1.14
Rôda (Cairo)		14.81	-0.05	14.75	-0.12

١٩٤٥-١-٧ Isobars, Wind and Temperature at 8 h. 7-1-1945



SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

STATION مرصد	At 8 h. on 7th الساعة ٨ يوم ٧ — ww Present weather	V Visibility	DD Wind Dir.	F Wind Force	W Past weather	N Cloud Amount	C Cloud Form	PPP Bar. pressure M.S.L. 1000+ mbs.	Diff from normal mbs.	TTT Dry Bulb °C	MM Maximum Yesterday °C	Diff. from norm. °C	mm Minimum Today °C	Diff. from norm. °C	UU % Humidity	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Nag Hamadi	00	8	00	0	0	0	—	19.2	—	8.5	17	—	2	—	86	0	16	—
Limassol	03	9	00	0	2	8	—	22.2	+4.4	8	—	—	—	—	—	0	386	214
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 13.7 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)	
Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO.
Time of Sunrise h m 6 h 52m
Sunset 17 h

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JANUARY 1945 ١٩٤٥ شهر يناير

STATION	At 14 h on 7th: ww	V	DD	F	W	N	C	PPP	TTT	UU	At 8 h on MONDAY 8th: ww	V	DD	F	W	N	C	PPP M.S.L.	Diff from normal	Dry Bulb TTT	Max Yesterday	Diff	Min Today	Diff	Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
SALUM																														130
MATRUH	02	8	12	3	2	5	8	15.5	16.7	61	02	8	20	2	2	7	6	13.0	-5.6	11.7	17	-1	10	+1	64	0	59	83	131
DIKHEILA																													150
ALEXANDRIA	02	9	12	1	2	7	4	16.4	16.8	46	03	8	02	2	2	8	4	14.3	-4.7	11.0	18	-1	10	-1	70	0	155	110	132
DAMIETTA	03	7	12	2	2	8	5	16.2	16.6	69	02	5	14	1	2	5	6	14.8	—	10.0	18		8		83	0	63	47	159
PORT SAID	02	8	02	2	2	6	1	15.9	16.5	64	02	8	16	2	2	6	5	14.3	-3.4	11.3	18	-1	11	0	83	0	48	37	134
EL ARISH	01	9	30		1	3	8	16.0	14.3	54	01	8	00	0	1	4	8		-0.6	10.4	19	+1	6	-1	76	0	166	38	135
DAMANHUR	03	6	08	4	2	8	5	15.4	17.8	74	02	6	20	3	2	5	5	14.2	-4.4	10.6	19	-1	6	-1	80	0	42	42	136
MANSURA	01	8	12	2	1	4	8	16.2	19.7	65	01	7	32	2	1	4	9	14.8	—	9.0	21	+1	7	-1	84	0	31	19	137
TANTA	02	7	16	1	2	7	2	16.0	19.0	57	02	6	00	0	2	5	7	15.4	-3.8	8.2	20	0	7	0	81	0	28	16	138
ZAGAZIG	02	7	16	2	1	6	2	16.0	17.6	63	02	5	24	2	1	7	6	15.0	-4.1	9.2	19	-1	7	0	87	0	32	11	139
CAIRO ALMAZA	00	8	22	2	0	3	2	17.1	18.0	51	02	7	20	1	2	5	5	15.0	—	12.4	19	—	10	—	59	0	40	—	141
CAIRO EZBEKIYA	02	8	18	3	1	5	1	15.5	18.9	50	05	6	16	2	2	6	6	15.1	-4.5	11.1	20	0	9	+1	66	0	37	10	—
CAIRO GIZA	02	7	18	3	1	5	1	16.0	20.3	33	08	4	00	0	4	5	4	15.1	-4.9	9.2	21	+2	4	-2	86	0	34	11	—
HELWAN	01	7	20	1	1	5	1	16.4	16.8	49	02	6	10	1	2	6	4	15.0	-4.6	10.4	17	-2	9	+1	60	0	46	16	143
SUEZ	00	9	00	0	0	0	—	15.5	17.3	69	03	8	00	0	2	8	5	15.8	-3.1	10.4	20	0	9	-1	70	0	140	9	144
FAIYUM	01	8	14	2	1	3	6	15.9	19.0	42	02	7	18	1	2	6	6	15.9	-3.5	8.8	21	0	7	+1	73	0	72	3	153
MINYA	00	8	16	1	1	2	2	15.4	20.7	31	02	6	20	1	4	5	4	16.4	-3.6	10.7	21	+1	6	0	78	0	tr.	—	154
ASYUT	00	7	12	1	0	0	—	15.6	19.6	51	03	6	22	1	2	8	5	15.8	-4.5	9.1	22	+2	7	+1	92	0	14	3	155
QENA	00	8	08	1	0	0	—	14.2	19.4	43	01	8	24	1	0	4	1	15.8	-3.3	12.4	22	-1	8	+1	77	0	20	—	156
LUXOR	00	7	30	2	0	0	—	15.1	21.5	46	01	7	06	2	1	4	1	—	—	13.0	23	—	5	—	77	0	tr.	—	157
ASWAN	02	9	00	0	1	5	1	13.2	23.8	40	00	9	00	0	0	0	—	14.2	-4.9	14.0	25	+2	10	0	57	0	tr.	—	158
SIWA	02	8	00	0	2	8	5	16.2	16.0	46	03	7	00	0	2	8	4	14.2	-6.6	8.2	17	-3	5	+1	74	0	2	5	148
BAHARIYA	00	9	00	0	0	0	—	16.6	16.0	32	03	9	00	0	2	8	—	17.6	-2.7	7.6	17		4		65	0	7		149
KHARGA	00	9	02	1	0	0	—	14.4	20.4	40	02	9	04	1	1	5	3	14.6	-4.9	12.0	23	0	2	-4	65	0	4	—	151
DAKHLA	00	8	16	1	0	0	—	15.1	21.0	41	03	5	12	1	2	8	9	15.8	-4.8	9.5	22	0	2	-3	67	0	tr.	—	152
TOR	00	7	24	2	0	0	—	15.5	20.8	75	02	6	02	2	0	5	6	15.1	-2.9	12.3	22	+1	10	+1	86	0	3	7	145
HURGHADA	00	9	06	2	0	0	—	16.2	21.3	48	02	8	22	1	1	5	8	—	—	13.0	22	0	12	+2	67	0	8	—	146
QUSEIR	00	8	32	2	0	0	—	15.0	22.0	66	00	8	28	1	0	0	—	14.2	-3.5	16.8	23	0	15	+1	72	0	20	—	147
PORT SUDAN																										0	81	88	169
WADI HALFA	01	8	28	2	1	4	2	12	23	27	00	8	30	1	0	0	—	13		13					55	0	0	—	165
KAREIMA	00	8	04	2	0	3	1	9	31	19	00	8	06	2	0	0	—	11		17					37	0	0	1	166
ATBARA	00	8	04	3	0	0	—	6	33	11	00	8	02	3	0	0	—	10		19					60	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	04	3	0	0	—	3	36	11	00	8	32	2	0	0	—	7		25					51	0	9	8	170
WAD MEDANI	18	5	26	5	1	0	—	3	37	10	01	8	02	3	1	4	1	8		21					47	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	32	3	0	0	—	4	37	20	00	9	28	3	0	0	—	9		22					44	—	—	49	182
ROSEIRES	00	7	20	2	0	0	—	4	37	40	00	7	28	2	0	0	—	—		21					65	0	1	36	172
EL OBEID	00	8	04	3	0	2	1	6	32	18																0	6	16	174
EL FASHER	00	8	08	2	0	3		—	32	26	00	8	02	2	0	0	—			16					34	0	5	6	175
GENEINA	00	8	04	3	0	0	—	—	33	10	02	8	00	0	1	5	2	—		16					26	—	—	4	179
KADUGLI	00	8	30	4	0	1	2	5	35	18	02	8	24	3	0	6	2	9		24					32	—	—	89	187
MALAKAL	01	8	02	3	1	3	1	2	37	19	01	8	32	3	1	3	1	7		23					41	0	48	88	176
WAU	02	8	06	1	1	8	2	4	34	22	00	8	00	0	0	0	—	9		21					53	0	178	143	177
JUBA	05	6	32	3	0	1	1	3	36	22	05	6	16	1	1	5	2	9		23					63	0	147	144	178

UPPER WINDS ON 8th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 9 h	MINYA	ASYUT 7 h	ASWAN	WADI HALFA 7 h	KAREIMA 8 h	ATBARA 7 h	KASSALA 7 h	EL OBEID	MALAKAL	JUBA 7 h
				02 06 05		02 08 10		10 06 10	10 05 45	10 01 20	10 10 35			10 36 18
				05 22 15		05 06 10		15 32 10	15 06 35	15 09 45	15 11 30			15 05 02
				08 23 20		10 22 18		20 23 15	20 04 40	20 07 35	20 05 05			
				10 25 25		15 23 15		30 23 30	25 04 35	30 06 30	30 33 05			
				15 22 35		20 26 05		40 32 —		40 02 40	40 07 05			
				20 23 55		25 27 35				45 04 30				
						30 27 —				50 11 25				
										60 14 20				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Humidity % on 7th	Diff. from normal	Wet Bulb Temp °C on 7th	Diff. from normal
Alexandria	56	-10	10.9	-1.1
Ezbekiya	71	+2	10.5	0.0
Giza	79	+5	8.7	-1.5
Helwan	62	+4	9.5	-0.1

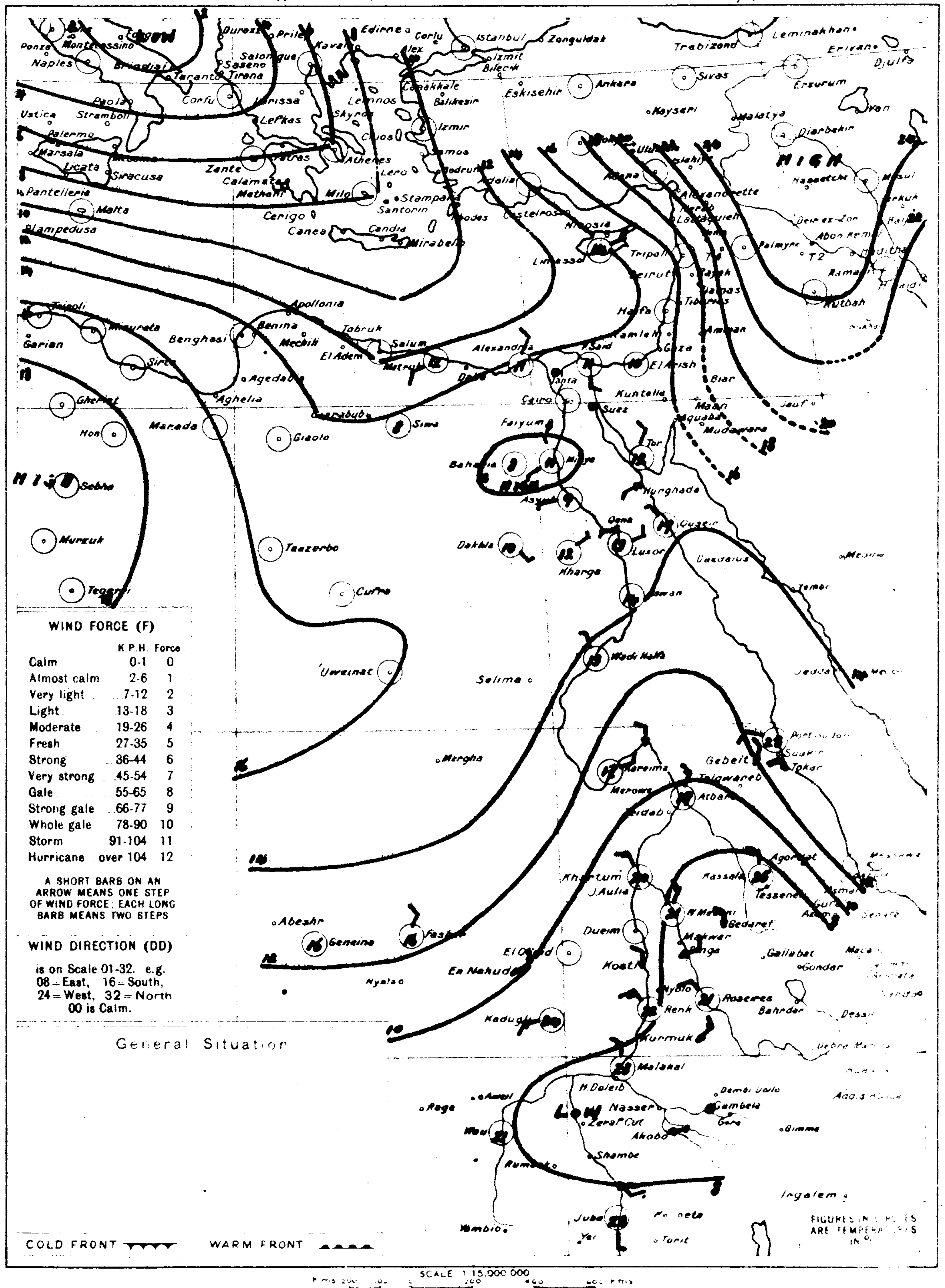
Giza Grass minimum on 8th 3.3 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1945	1944
8-1	810	1157
7-1	810	1157

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	—	—
Nasser		—	—	6.48	-0.69
Malakal		10.92	-0.56	10.94	-0.58
Roseires		—	—	12.36	+0.07
Sennar Res		—	—	20.67	—
J. Aulia U.S		—	—	372.20	—
J. Aulia D.S		—	—	371.37	-0.71
Khartum		—	—	10.45	-0.75
Kh. el Girba					
Atbara		10.42	-0.33	10.44	-0.32
Kajnarti		—	—	132.68	-1.36
Aswan Res.		120.75	—	120.70	—
Aswan D.S.		85.04	-1.15	85.04	-1.18
Roda (Cairo)		14.81	-0.03	14.81	-0.08

Isobars, Wind and Temperature at 8 h. 8-1-1945 ١٩٤٥-١-٨



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000

STATION	At 8 h on 8th: ww	V	DD	F	W	N	C	PPP M.S.L.	Diff from normal	Dry Bulb	Max Yesterday	Diff	Min Today	Diff	Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	03	7	06	4	2	8	—	14.6	-3.2	14	—	—	—	—	—	0	386	218
Neghamadi	01	8	00	0	0	4	1	15.4	—	9.3	26	—	6	—	93	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 14.1 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder without rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or thick Haze	40-49
Mist Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
of Snow	[illegible]
of Sleet	[illegible]
of Hail	[illegible]
Thunderstorm	90-99
[illegible]	[illegible]
with Hail	[illegible]
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	[illegible]
Variable sky	[illegible]
Mainly overcast	2
Sandstorm, Duststorm	[illegible]
Fog, thick dust haze	[illegible]
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 6 h. 52 m.
Sunset 17 h. 12 m.

Month *JANUARY* 1945 ١٩٤٥ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Columns (At 14 h. on 8th / الساعة ١٤ يوم ٨): ww Present weather, V Visibility, DD Wind dir., F Wind force, W Past weather, N Cloud amount, C Cloud form, PPP Bar. press. M.S.L. 1000+ mbs., TTT Temp. °C, UU % Humidity.
Columns (At 8 h. on *TUESDAY 9th* / الساعة ٨ يوم الثلاثاء ٩): ww, V, DD, F, W, N, C, PPP Bar. pressure M.S.L. 1000+ mbs., Diff. from normal mbs., TTT Dry bulb °C, MM Maximum yesterday °C, Diff. from norm. °C, mm Minimum today °C, Diff. from norm. °C, UU % Humidity; Rainfall: Past 24 hrs mms., Total from Oct 1 mms., Normal from Oct 1 mms.; Station number.

Region	Station	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	8h ww	V	DD	F	W	N	C	PPP	Diff.	TTT	Max. yest.	Diff.	Min. today	Diff.	UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station No.
MEDITERRANEAN	SALUM																												—	130
	MATRUH	01	9	24	1	1	5	8	11.6	14.3	—	01	8	24	2	1	3	6	18.8	+0.2	9.1	17	-1	6	-3	75	0	58	85	131
	DIKHEILA																						—		—				—	150
	ALEXANDRIA	02	9	24	2	2	6	4	12.7	15.6	51	01	8	24	2	2	4	8	17.8	-1.1	16.3	16	-3	12	+1	55	0	155	112	132
	DAMIETTA	01	8	20	2	1	3	5	12.6	17.1	52	02	5	20	1	1	5	6	17.1	—	10.0	18	—	10	—	74	0	63	48	159
	PORT SAID	01	8	14	2	1	4	5	12.6	17.0	51	02	8	20	2	2	5	4	16.7	-1.0	12.3	18	-1	11	0	75	0	48	37	134
	EL 'ARISH											01	8	20		1	4	8	16.0	-2.6	14.2	20	+2	10	+3	61	0	166	38	135
LOWER EGYPT	DAMANHUR	01	7	20	3	1	4	1	12.3	18.3	70	01	6	20	3	1	4	1	17.4	-1.2	8.3	19	-1	7	0	91	0	56	43	136
	MANSURA	01	8	20	2	1	4	8	12.7	18.0	57	01	6	20	2	1	4	9	17.1	—	9.5	19	-1	8	0	78	0	31	19	137
	TANTA	02	7	00	0	2	5	4	13.4	17.5	60	02	6	00	0	2	5	6	19.1	-0.1	7.0	18	-2	7	0	71	0	28	16	138
	ZAGAZIG	01	6	28	2	1	4	6	12.3	16.8	63	02	6	20	2	1	7	9	17.9	-1.2	9.6	17	-3	9	+2	91	0	32	11	139
MIDDLE EGYPT (CAIRO)	ALMAZA	02	7	20	1	2	5	5	13.6	17.7	41	05	6	19	3	2	6	6,4	18.2	—	12.0	18	—	11	—	66	0	40	—	141
	EZBEKIYA	05	5	00	0	2	8	4	13.0	16.2	55	09	6	14	2	2	6	6	18.6	-0.9	12.0	17	-3	10	+2	76	0	37	10	—
	GIZA	02	7	00	0	1	7	2	13.5	17.6	46	05	5	12	1	2	5	4	18.8	-1.1	10.2	18	-1	9	+3	89	0	34	11	—
	HELWAN	02	7	00	0	5	6	4	12.7	15.8	47	02	6	10	1	2	6	4	19.0	-0.7	11.9	17	-2	10	+2	65	dr.	46	10	143
	SUEZ	03	8	20		2	8	5	12.8	17.8	70	03	8	32	3	2	8	5	18.7	-0.2	16.0	20	0	12	+2	64	0	36	9	144
UPPER EGYPT	FAIYUM	02	8	22	1	2	7	7	13.9	15.9	60	04	1	00	0	4	8	8	19.1	-0.3	9.8	16	-5	9	+3	88	0	72	3	153
	MINYA	02	8	20	1	2	5	6	13.1	18.6	41	02	5	20	1	8	7	6	18.8	-1.2	11.4	19	-1	9	+3	83	tr.	1	—	154
	ASYUT	03	7	20	1	2	8	6	12.8	19.8	49	03	6	22	1	2	8	6	18.0	-2.3	12.3	21	+1	11	+5	79	0	14	3	155
	QENA	01	9	04	2	1	4	1	11.9	21.0	52	02	7	24	1	1	6	3	16.2	-2.9	14.4	22	-1	12	+5	83	0	20	—	156
	LUXOR	01	7	06	2	1	5	3	12.8	23.0	52	02	7	14	1	2	5	1	16.3	—	17.0	24	—	13	—	70	0	tr.	—	157
	ASWAN											02	9	00	0	1	5	4	13.5	-5.6	16.7	26	+3	13	+3	72	0	dr.	—	158
WESTERN DESERT	SIWA	21	8	24	2	5	8	5	14.2	14.5	46	00	7	00	0	0	0	—	20.8	+0.1	5.0	15	-4	3	-1	81	dr.	2	5	148
	BAHARIYA	03	9	00	0	2	8	—	13.8	16.0	41	00	9	00	0	0	0	—	18.6	-1.7	10.0	17	—	5	—	61	0	7	—	149
	KHARGA	02	9	04	1	2	7	4	12.3	22.2	38	03	9	30	3	2	8	5	16.4	-3.1	15.8	23	0	2	-4	47	0	4	—	151
	DAKHLA	03	6	28	1	2	8	9	12.3	20.0	43	03	6	28	1	2	8	9	17.2	-3.4	14.3	22	0	—	—	70	0	tr.	—	152
RED SEA	TOR	01	6	24	2	0	4	4	13.1	21.6	77	02	5	32	4	1	6	6	16.7	-1.3	20.0	22	+1	11	+2	81	0	3	7	145
	HURGHADA											02	6	26	3	2	7	6	16.8	-1.3	18.1	23	+1	12	+2	61	0	8	—	146
	QUSEIR	02	8	02	2	2	5	5	12.3	21.0	67	02	8	28	1	2	5	5	14.3	[illegible]	17.4	22	-1	15	+1	47	0	20	—	147
	PORT SUDAN																										0	81	86	169
NORTH SUDAN	WADI HALFA	00	9	30	2	0	0	—	9	27	30	00	8	00	0	0	0	—	13		13					67	0	0	—	165
	KAREIMA	00	8	04	2	0	0	—	6	33	17	00	8	08	2	0	0	—	10		20					30	0	0	1	166
	ATBARA	00	6	06	4	0	0	—	4	35	10	00	8	04	3	0	0	—	10		22					69	0	0	2	167
	KHARTUM																										0	tr.	4	168
	KASSALA	00	8	30	2	0	0	—	1	37	18	00	8	00	0	0	0	—	8		24					61	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	01	8	32	4	1	4	1	3	36	12	00	7	32	1	0	0	—	9		21					53	0	8	12	171
	DUEIM																										0	4	13	173
	RENK	00	9	30	3	0	0	—	3	35	22	00	9	28	3	0	0	—	10	—	22		—		—	31	—	—	49	182
	ROSEIRES	00	7	20	2	0	0	—	—	37	35	00	7	16	2	0	0	—	8		22					27	0	1	36	172
	EL OBEID	00	9	04	4	1	0	—	3	34	13	01	8	30	2	0	3	1	10		19					28	0	6	16	174
	EL FASHER	01	8	04	3	1	3	2	—	34	20																0	5	6	175
	GENEINA	00	8	00	0	1	0	—	—	34	9																—	—	4	179
	KADUGLI	01	8	04	4	0	4	1	5	37	11	00	8	28	3	0	1	1	9		27					16	—	—	89	187
S. SUDAN	MALAKAL	00	8	02	3	1	2	1	1	38	11	01	8	12	2	1	3	4,1	8		27					27	0	48	88	176
	WAU	00	8	04	3	1	3	1	3	37	13	02	8	00	0	1	5	4	10		28					29	0	178	143	177
	JUBA	02	8	12	2	1	5	8,1	2	39	16	05	6	18	1	1	4	1	10		24					54	0	147	144	178

UPPER WINDS ON 9th / الرياح العليا يوم ٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	8 h. 49 m.	h. m.	7 h. m.	h. m.	7 h. m.	8 h. m.	h. m.	7 h. m.	7 h. m.	6 h. m.	h. m.
				02 17 10		02 28 15		10 03 20	10 05 25		10 11 20	10 03 25	10 03 40	
				05 23 20		05 27 60		15 36 10	15 03 10		15 08 05	15 29 05	15 05 17	
				08 29 10		10 26 70		20 27 10	20 31 05		20 32 10	20 20 20	20 19 15	
				10 26 10		15 25 55		30 16 10	30 06 15		30 29 05		30 19 30	
				15 23 25		20 26 45		40 13 05	40 12 05					
				20 26 35		25 29 15		45 29 10						
				23 24 30				50 23 40						
								60 23 70						
								70 25 76						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 9th	Diff. from normal	Wet bulb temp. °C on 8th	Diff. from normal
Alexandria	60	-6	9.9	-2.0
Ezbekiya	57	-12	10.1	-0.3
Giza	73	-1	10.1	0.0
Helwan	59	+1	9.2	-0.3

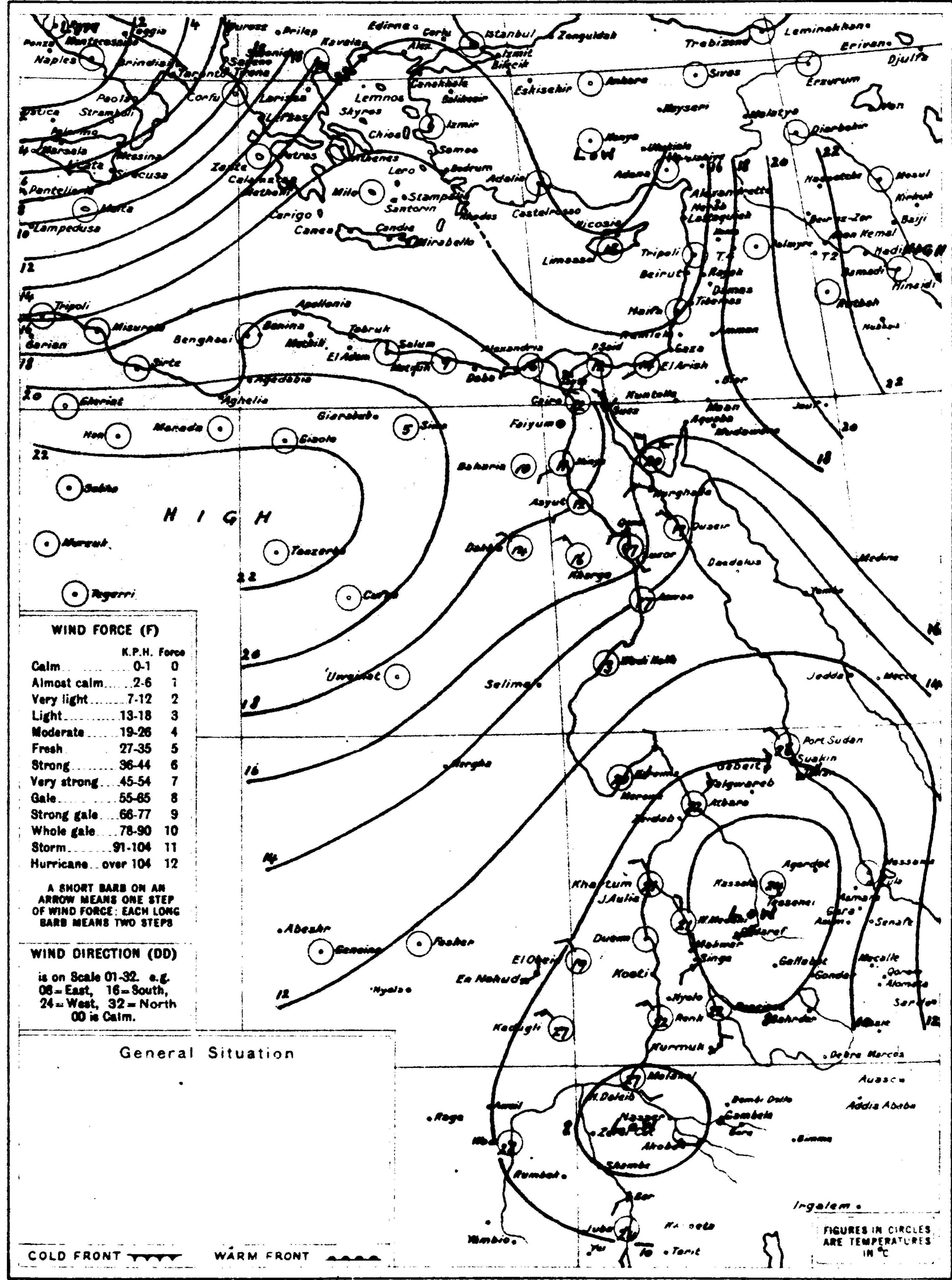
Giza Grass minimum on 9th 6.1 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
9-1	—	1157
8-1	810	1157

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba		—	—	12.73	-0.68
Nasser		—	—	6.41	-0.87
Malakal		10.88	-0.57	10.92	-0.56
Roseires		12.31	+0.07	12.34	+0.06
Sennar Res.		—	—	20.67	—
J. Aulia U.S		—	—	377.28	—
J. Aulia D.S		—	—	371.36	-0.70
Khartum		10.48	-0.71	10.48	-0.73
Kh. el Girba					
Atbara		10.42	-0.31	10.42	-0.33
Kajnarti		—	—	132.66	-1.36
Aswan Res.		—	—	120.95	—
Aswan D.S.		—	—	86.04	-1.18
Roda (Cairo)		14.81	-0.92	14.81	-0.93

١٩٤٥-١-٩ Isobars, Wind and Temperature at 8 h. 9-1-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 9th / الساعة ٨ يوم ٩

STATION محطة	ww	V	DD	F	W	N	C	PPP	Diff.	TTT	Max. yest.	Diff.	Min. today	Diff.	UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	8	00	0	6	4	—	14.3	-3.5	12	—	—	—	—	—	tr.	386	222
Naghamadi	03	8	26	2	1	8	5	16.7	—	14.9	21	—	9	—	72	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 14.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150.

CAIRO
Time of Sunrise h. m. 6 h. 52 m.
Sunset 17 12

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1945 ١٩٤٥ شهر يناير

STATION	14h on 9th: Present weather ww	V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8h on Wednesday 10th: Present weather ww	V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM																					—		—				—	130
MATRÛH	01	9	28	2	1	4	8	18.4	16.1	68	02	9	16	1	1	5	8	18.7	+0.1	11.3	17	-1	8	-1	85	0	58	86	131
DIKHEILA																						—		—				—	150
ALEXANDRIA	01	9	24	3	2	3	8	17.8	17.2	41	02	8	08	2	2	5	4	19.5	+0.6	14.6	19	0	12	+2	62	0	155	113	132
DAMIETTA	00	8	28	3	1	0	—	16.8	17.9	53	00	6	00	0	0	1	8	19.2	—	11.7	19	—	7	—	91	0	63	49	159
PORT SAÏD	00	8	26	2	0	0	—	16.7	18.3	57	00	8	30	2	0	3	1	18.4	+0.7	14.1	20	+1	10	-1	90	0	48	38	134
EL 'ARÎSH	00	9	00	0	0	0	—	16.0	17.0	43	00	9	20		0	0	—	—	—	13.2	20	+2	10	+3	62	0	166	39	135
LOWER EGYPT																													
DAMANHÛR	00	7	20	3	1	0	—	16.8	18.6	83	41	5	04	2	4	3	1	19.2	+0.6	7.2	20	0	6	-1	94	0	42 (~~56~~)	44	136
MANŞÛRA	00	8	02	2	1	0	—	17.1	19.8	51	01	7	02	2	1	3	1	19.4	—	8.8	20	0	5	-3	89	0	31	20	137
TANTA	00	8	28	2	1	0	—	16.6	19.0	52	08	4	00	0	0	0	—	20.3	+1.1	4.3	20	0	3	-4	97	0	28	16	138
ZAGÂZÎG	00	7	28	2	0	0	—	17.1	18.8	65	00	6	04	2	0	0	—	19.6	+0.6	8.8	21	+1	6	-1	92	0	32	11	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	7	30	2	1	0	—	19.2	18.0	57	06	0	10	1	0	1	4	19.5	—	10.1	18	—	7	—	79	0	40	—	141
CAIRO EZBEKÎYA	00	8	30	1	0	1	4	16.7	19.3	46	08	4	00	0	4	0	—	19.2	-0.3	10.0	20	0	7	-1	87	0	37	10	—
CAIRO GÎZA	00	8	28	1	1	1	4	16.6	18.0	44	08	4	02	1	4	0	—	19.4	-0.5	6.8	19	0	4	-2	91	0	34	11	—
HELWÂN	00	7	28	3	1	0	—	16.7	17.3	42	05	5	06	1	0	0	—	18.8	-0.9	10.9	18	-1	7	-1	69	0	46	11	143
SUEZ	00	9	32	3	0	0	—	17.2	18.4	38	00	8	28	3	0	0	—	19.1	+0.3	11.2	20	0	8	-2	88	0	~~142~~ 32	9	144
UPPER EGYPT																													
FAIYÛM	01	8	02	2	1	3	6	17.2	17.9	42	60	6	00	0	0	0	—	18.1	-0.6	8.1	19	-2	5	-1	82	0	72	3	153
MINYA	01	8	28	2	2	3	4	16.3	17.2	40	00	7	28	2	0	0	—	18.3	-1.7	4.4	18	-2	4	-2	90	0	1	—	154
ASYÛT	01	7	20	1	2	5	5	15.8	16.5	74	00	6	20	1	0	0	—	17.6	-2.7	7.8	19	-1	5	-1	82	0	14	3	155
QENA	50	6	20	1	5	8	7	13.5	11.0	58	09	7	24	1	2	0	—	16.7	-2.4	11.2	22	-1	10	+3	80	dr.	20	—	156
LUXOR	03	7	06	2	2	8	5	14.6	22.5	55												—		—				—	157
ASWÂN											02	9	00	0	1	5	4	14.3	-4.8	14.4	25	+2	13	+3	74	0	dr.	—	158
WESTERN DESERT																													
SÎWA	00	8	28	2	0	0	—	20.2	15.5	63	02	7	00	0	1	6	6	19.2	-1.5	2.5	16	-3	-1	-5	82	0	2	5	148
BAHARÎYA	00	9	00	0	0	0	—	17.6	17.0	43	00	9	00	0	0	0	—	20.2	-0.1	9.5	18	—	6	—	80	0	7	—	149
KHÂRGA	02	9	32	4	2	7	5	13.4	20.0	52	00	9	04	1	0	1	1	16.0	-3.5	12.3	21	-1	3	-3	31	0	4	—	151
DÂKHLA	02	7	28	2	2	5	9	15.5	19.0	46	00	7	16	1	0	0	—	16.3	-4.2	10.0	20	-2	8	+3	68	0	tr.	—	152
RED SEA																													
TOR	02	5	32	2	5	6	7	15.2	19.8	83	00	7	04	2	0	0	—	16.6	-1.4	14.4	21	0	9	0	77	tr.	1	7	145
HURGHÂDA	03	7	32	4	2	8	6	15.4	20.6	66	20	9	26	3	0	0	—	17.2	-0.9	14.5	23	+1	13	+3	95	dr.	3	—	146
QUŞEIR	02	8	32	3	2	5	5	14.7	24.2	51	00	8	32	2	0	0	—	15.2	-2.6	18.0	24	+1	16	+2	50	0	20	—	147
PORT SUDAN																										0	81	86	169
NORTH SUDAN																													
WÂDI HALFA	00	8	31	4	0	0	—	10	28	29	01	7	30	1	0	4	4	13		16					59	0	0	—	165
KAREIMA	01	8	06	1	0	4	1	7	34	20	01	8	02	1	1	4	1	12		19					56	0	0	1	166
'ATBARA	00	8	30	3	0	2	4	5	32	26	01	8	06	3	1	4	1	10		22					65	0	0	2	167
KHARTÛM																										0	tr.	4	168
KASSALA	00	7	20	1	0	0	—	2	37	20	00	7	00	0	1	3	1	8		24					57	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	32	4	0	0	—	2	33	19	00	7	32	2	3?	0	—	9		—					—	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	02	3	0	0	—	4	37	17	00	9	30	3	0	0	—	10	—	23		—		—	41	—	—	49	182
ROSEIRES	00	7	20	2	0	0	—	3	37	—	01	7	18	2	1	4	3	11		22					53	0	1	36	172
EL OBEID	01	9	32	3	0	3	2	3	35	18	00	8	30	2	0	0	—	12		21					35	0	6	16	174
EL FÂSHER	02	9	00	0	1	5	2	—	34	16	02	9	30	2	1	7	2	—		16					28	0	5	6	175
GENEINA	01	8	00	0	1	4	2	—	36	12																		4	179
KADUGLI	?	7	32	3	1	6	1	4	38	11	00	8	24	3	0	1	1	10		23					20	—	—	89	187
S. SUDAN																													
MALAKÂL	01	8	26	1	1	3	1	4	37	16	02	8	02	2	1	5	4	9		26					28	0	48	88	176
WÂU	00	8	08	1	1	0	—	4	37	9	00	8	00	0	0	1	4	10		25					61	0	178	143	177
JÛBA	05	7	32	1	1	3	8	4	37	20	05	6	20	4	1	4	1	11		26					62	0	147	144	178

Header (Arabic): الساعة ١٤ يوم ٩ — الساعة ٨ يوم الأربعاء ١٠

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAID	HELWÂN (8 h. 30 m.)	MINYA	ASYUT (7 h.)	ASWÂN (7 h.)	WÂDI HALFA (7 h.)	KAREIMA (8 h.)	KHARTÛM (7 h.)	KASSALA	EL OBEID (7 h.)	MALAKÂL	JÛBA
				02 07 20		02 04 10	02 36 10	10 11 25	10 09 25	10 04 15		10 02 25		
				05 07 35		05 03 35	05 06 30	15 18 20	15 05 15	15 08 20		15 04 22		
				08 06 35		10 35 15	10 08 15	20 13 10	20 04 40	20 01 05		20 01 20		
				10 07 30		15 24 30	15 07 10	30 27 30	30 35 30	30 35 15		25 35 15		
				15 01 10		20 26 40	20 31 02	40 27 40	40 33 20	40 31 10				
				20 25 05		25 26 40		45 27 40						
				25 28 10		30 26 40		50 30 65						
				30 28 30										
				40 27 45										
				50 27 50										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 9th	Diff. from normal	Wet bulb temp. °C on 9th	Diff. from normal
Alexandria	58	-8	11.7	-0.2
Ezbekîya	67	-2	11.4	+1.1
Gîza	75	+1	10.5	+0.5
Helwân	58	0	10.0	+0.5

Gîza Grass minimum on 10th 1.8 °C

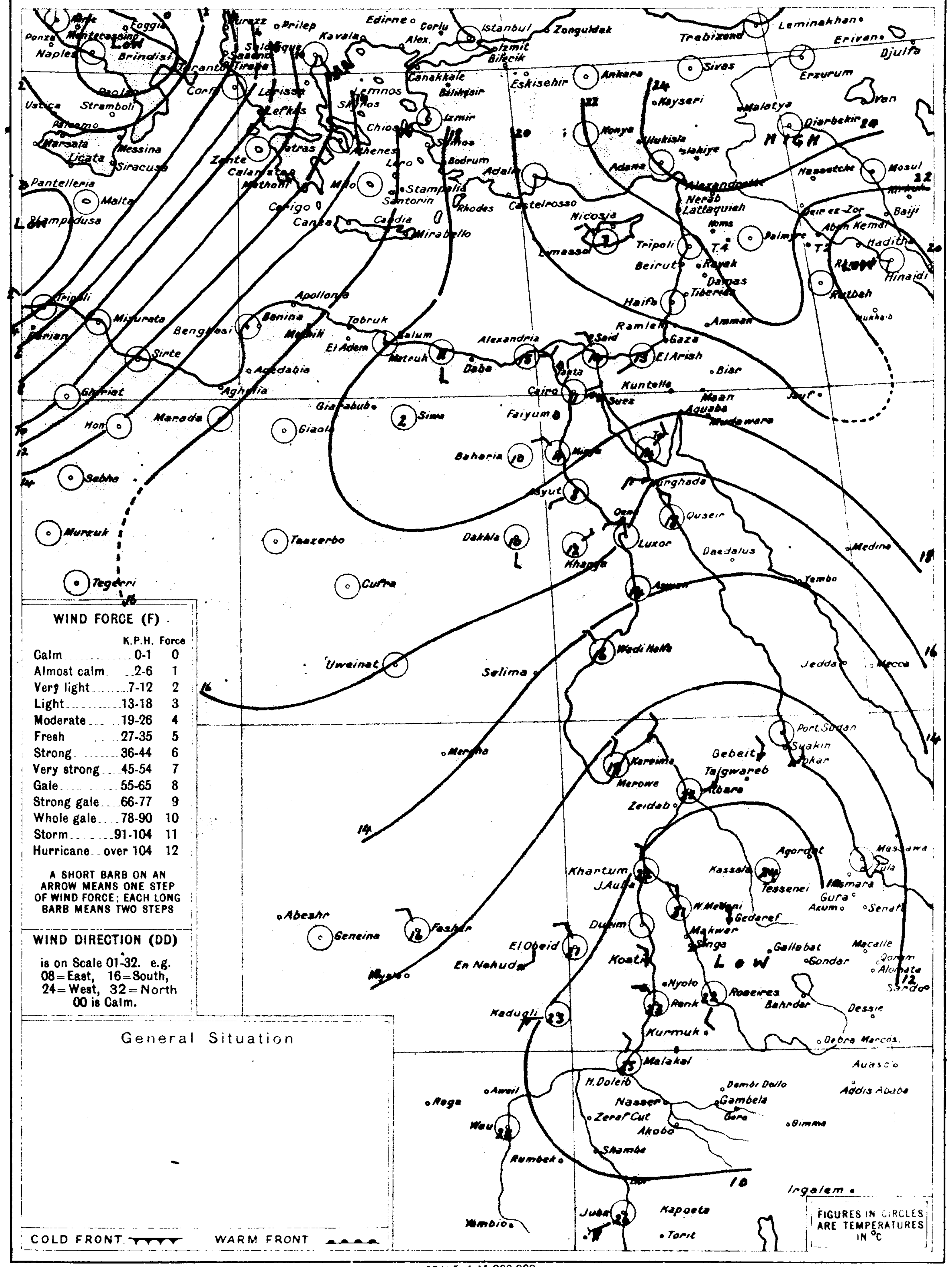
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
10-1	810	1042
9-1	810	1157

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	12.72	-0.69
Nâşser		—	—	6.34	-0.57
Malakâl		10.88	-0.57	10.88	-0.57
Roseires		12.28	+0.07	12.31	+0.07
Sennâr Res.		—	—	20.67	—
J. Aulia U.S		—	—	377.39	—
J. Aulia D.S		—	—	371.54	-0.70
Khartûm		10.47	-0.70	10.48	-0.71
Kh. el Girba					
'Atbara		10.42	-0.30	10.42	-0.31
Kajnarti		—	—	138.65	-0.38
Aswân Res.		121.00	—	120.96	—
Aswân D.S.		85.03	-1.10	85.08	-1.16
Rôda (Cairo)		14.81	-0.01	14.81	-0.02

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-١-١٠ Isobars, Wind and Temperature at 8 h. 10-1-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

STATION محطة	At 8 h. on 10th: Present weather ww	V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	02	8	28	2	1	5	—	20.3	+2.5	7	—	—	—	—	—	0	386	225
Nag Hamadi	00	8	00	0	0	0	—	16.2	—	9.5	19		8		79	0	16	—
SHIPS سفن																		

الساعة ٨ يوم ١٠

Remarks

WATER TEMP. River Nile Cairo 14.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 06 h 52 m
Sunset 17 h 14 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JANUARY 1945 ١٩٤٥ شهر يناير

At 14 h. on 10th ١٠ الساعة ١٤ يوم — At 8 h. on THURSDAY 11th الساعة ٨ يوم الخميس ١١

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM																						—		—				—	130
MATRUH	02	9	12	1	1	5	8	16.4	17.7	67	01	9	16	1	1	5	8	11.1	-7.5	11.3	18	0	8	-1	99	0	54	88	131
DIKHEILA																						—		—				—	150
ALEXANDRIA	02	9	08	1	2	5	4	17.5	18.6	49	01	8	12	2	2	4	8	11.1	-7.8	13.4	20	+1	11	+1	75	0	155	115	132
DAMIETTA	02	8	08	2	1	5	6	17.9	17.5	65	02	7	12	2	1	5	4	11.2	—	13.9	18	—	12	—	88	0	63	50	159
PORT SAÏD	01	8	06	2	1	4	1	17.6	18.0	54	01	8	06	2	1	4	1	11.2	-6.5	14.6	20	+1	13	+2	78	0	48	38	134
EL 'ARISH	00	9	30		0	0	—	17.4	19.2	61?	01	8	20		1	4	8	16.0	-2.6	13.3	20	+2	9	+2	65	0	166	40	135
LOWER EGYPT																													
DAMANHÛR	01	7	08	3	1	4	1	16.8	18.0	80	01	6	08	3	1	3	1	11.2	-7.4	9.0	19	-1	7	0	97	0	66	45	136
MANSÛRA	02	7	02	2	2	5	9	17.2	18.8	64	01	7	12	2	1	4	6	11.5	—	10.2	21	+1	8	+1	95	0	31	20	137
TANTA	01	—	08	3	1	6	4	17.0	19.0	54	01	8	00	0	1	3	8	11.4	-7.8	8.0	20	0	5	-2	98	0	28	17	138
ZAGÂZÎG	02	7	04	3	1	4	6	18.4	18.2	58	00	6	08	2	0	2	8	12.3	-6.8	9.4	19	-1	7	0	98	0	32	11	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	7	08	4	0	4	2	17.2	19.0	43	00	7	00	0	0	2	4	11.8	—	11.2	19	—	8	—	68	0	40	—	141
CAIRO EZBEKIYA	01	8	10	4	1	4	2	16.6	20.1	40	09	5	00	0	1	4	1	11.4	-8.1	11.1	21	+1	7	-1	76	0	37	11	—
CAIRO GÎZA	01	8	10	2	1	4	1	18.9	18.9	29?	08	4	00	0	4	3	3	11.1	-8.8	8.7	20	+1	4	-2	92	0	34	12	—
HELWÂN	00	7	04	4	0	3	1	15.8	19.2	38	05	5	00	0	0	1	4	11.0	-8.7	12.2	19	+1	9	+1	46	0	46	11	143
SUEZ	01	9	28	3	1	3	5	16.7	20.8	44	00	8	08	2	0	0	—	12.0	-6.8	12.2	23	+3	9	-1	—	0	36	9	144
UPPER EGYPT																													
FAIYÛM	01	8	02	2	1	3	4	15.6	19.6	40	04	2	00	0	4	0	—	11.4	-8.0	7.7	21	0	6	0	83	0	72	3	153
MINYA	00	9	30	2	0	0	—	14.0	18.7	35	00	7	08	1	0	0	—	11.2	-8.8	8.4	20	0	7	+1	89	0	1	—	154
ASYÛT	00	7	00	0	0	0	—	13.5	22.5	32	00	6	12	1	0	0	—	12.0	-8.3	12.0	24	+4	7	+1	76	0	14	3	155
QENA	00	8	24	1	0	0	—	12.8	21.0	37	00	8	02	1	0	0	—	12.0	-7.1	16.0	23	0	10	+3	61	0	20	—	156
LUXOR	00	7	02	2	0	0	—	13.2	24.5	50												—		—			tr.	—	157
ASWÂN											02	9	00	0	1	5	4	11.0	-8.1	18.4	30	+7	13	+3	60	0	tr.	—	158
WESTERN DESERT																													
SÎWA	00	8	10	2	0	0	—	—	16.5	47	00	7	00	0	0	0	—	11.8	-8.9	3.8	17	-2	1	-3	70	0	2	5	148
BAHARIYA	00	9	00	0	0	0	—	16.2	17.6	40	01	9	00	0	1	3	—	12.0	-8.3	6.0	19	—	2	—	70	0	7	—	149
KHÂRGA	00	9	32	3	0	0	—	12.8	23.9	18	00	9	00	0	0	2	1	12.3	-7.3	14.8	24	+2	12	+6	56	0	4	—	151
DAKHLA	00	8	24	1	0	0	—	13.2	23.0	38	00	7	28	1	0	0	—	12.4	-8.1	9.0	24	+2	7	+2	37	0	tr.	—	152
RED SEA																													
TOR	00	7	28	3	0	0	—	13.9	20.8	61	00	7	32	3	0	0	—	12.0	-6.0	13.0	21	0	9	0	75	0	1	8	145
HURGHÂDA	00	9	—	—	0	0	—	14.4	21.5	78	00	9	22	1	0	0	—	—	—	15.5	22	0	13	+3	89	0	8	—	146
QUṢEIR	00	8	32	3	0	0	—	13.6	21.3	62	00	8	28	1	0	0	—	11.6	-6.2	17.8	22	-1	16	+2	58	0	20	—	147
PORT SUDAN																										0	81	86	169
NORTH SUDAN																													
WÂDI HALFA	00	8	28	2	0	3	4,1	9	29	43	00	7	00	0	0	3	4	10		17					64	0	0	—	165
KAREIMA	00	8	04	1	1	1	1	7	32	36	01	8	06	1	1	4	2	10		21					57	0	0	1	166
'ATBARA	00	8	04	2	0	2	1	5	34	22	01	8	08	3	1	5	2	10		24					61	0	0	2	167
KHARTÛM																										0	tr.	4	168
KASSALA	01	7	28	1	1	4	2	3	37	16	01	7	00	0	1	5	2	8		21					41	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	30	3	0	3	1	4	35	16	00	7	02	1	0	3	1	9		21					33	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	3	0	0	—	6?	33	23	00	9	32	3	0	0	—	9	—	22		—		—	36	—	—	49	182
ROSEIRES	00	7	28	2	0	0	—	5	43?	15	00	7	26	2	0	0	—	9		24					47	0	1	36	172
EL OBEID	00	8	02	2	0	2	1	4	35	13	00	8	32	1	0	2	1	9		21					28	0	6	16	174
EL FÂSHER	02	9	12	2	1	7	2	—	33	25	01	9	28	1	1	5	2	—		16					34	0	5	6	175
GENEINA	00	8	20	2	0	1	1	—	35	10	00	7	16	1	0	0	—	—		14					48	—	—	4	179
KADUGLI	01	7	24	2	0	4	1	5	37	16	00	7	28	2	0	3	1	10?		21					35	—	—	89	187
S. SUDAN																													
MALAKÂL	01	8	32	1	1	3	4,1	5	37	19	01	8	00	0	1	3	1	9		24					45	0	48	88	176
WÂU	02	8	26	1	0	6	9,4	—	33	41	01	8	20	3	1	4	4,1	9		24					69	0	178	143	177
JÛBA	01	7	04	1	1	4	8,4	5	37	27	05	7	16	3	1	4	1	10		25					54	0	147	144	178

UPPER WINDS ON 11th الرياح العليا يوم ١١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 9 h. m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 8 h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA 7 h. m.
				02 14 10		02 15 25			10 10 25	10 06 05	10 01 15	10 05 30	10 02 30	10 28 10
				05 19 20		05 17 35	05 23 20	15 21 35	15 15 15	15 19 05	15 34 05	15 03 15	15 03 25	15 02 15
				08 20 30		10 21 35	10 22 15	20 32 30	20 31 05	20 06 10	20 34 05	20 28 10	20 03 25	20 05 20
				10 21 30		15 22 35	15 25 25	30 25 35	30 28 15	30 02 15	30 29 05	30 30 10	30 06 20	
				15 21 55		20 22 35	20 24 35	40 27 55		40 03 10		40 03 05		
				20 21 45		25 22 35	25 24 30	45 27 65		45 18 05				
				23 21 45		30 22 40	30 26 15							
				25 22 45										
				29 21 40										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 10th	Diff. from normal	Wet Bulb Temp °C on 10th	Diff. from normal
Alexandria	68	-1	11.8	0.0
Ezbekiya	59	-10	10.3	+0.1
Giza	65	-9	8.9	-1.1
Helwân	54	-4	9.9	+0.5

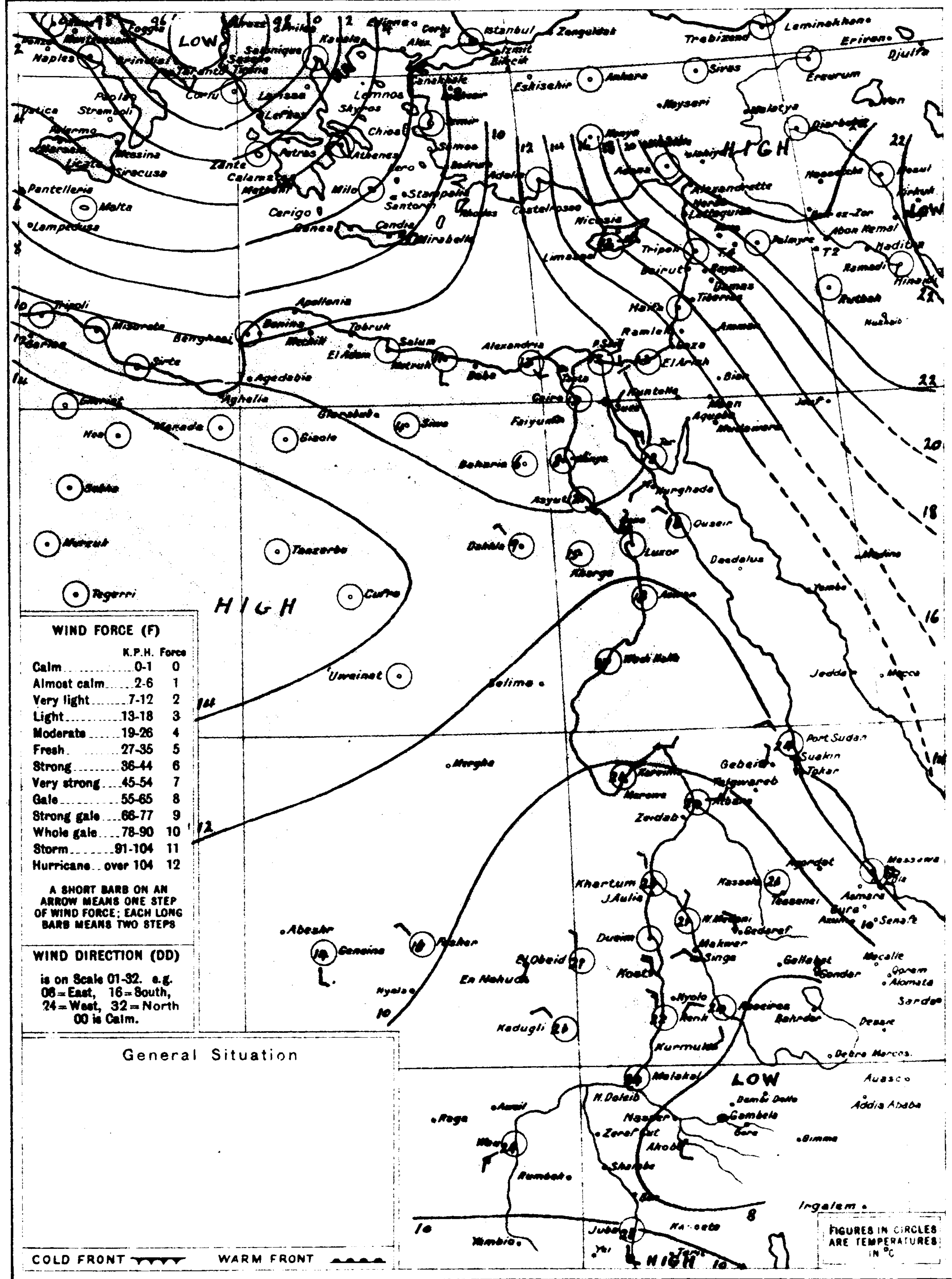
Giza Grass minimum on 9th 2.1 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
11-1	810	926
10-1	810	1042

GAUGE	Date 1940	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	12.72	-0.69
Nâsser		—	—	6.27	-0.88
Malakâl		10.82	-0.87	10.85	-0.87
Roseires	11-1-1945	12.26	+0.06	12.28	+0.07
Sennâr Res.		—	—	20.67	—
J. Aulia U.S		—	—	377.39	—
J. Aulia D.S		—	—	371.35	-0.68
Khartûm		—	—	10.47	-0.70
Kh. el Girba					
'Atbara		10.43	-0.28	10.42	-0.30
Kajnarti		—	—	132.66	-1.33
Aswân Res.		121.02	—	121.00	—
Aswân D.S.		85.03	-1.16	85.03	-1.16
Rôda (Cairo)		14.81	-0.01	14.81	-0.01

Isobars, Wind and Temperature at 8 h. 11-1-1945 ١٩٤٥-١-١١



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1.15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 11th الساعة ٨ يوم ١١

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	03	8	08	5	2	8	—	14.8	-3.0	12	—	—	—	—	—	0	386	229
Naghamadi	00	8	00	0	0	0	—	11.4	—	10.5	24	—	9	—	87	0	16	—
SHIPS سفن																		

Remarks

WATER TEMP.
River Nile Cairo
14.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 h 52 m
Sunset 17 h 15 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY, 1940~~5~~ ١٩٤٠ شهر يناير

At 14 h. on 11th — الساعة ١٤ يوم ١١ ; At 8 h. on FRIDAY 12th — الساعة ٨ الجمعة ١٢

Station	14h ww	14h V	14h Wind Dir DD	14h Wind Force F	14h Past W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press M.S.L. 1000+ mbs PPP	14h Temp. °C TTT	14h Humidity % UU	8h ww	8h V	8h Wind Dir DD	8h Wind Force F	8h Past W	8h Cloud Amount N	8h Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff from norm °C	Min. Today °C mm	Min. Diff from norm °C	Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																												—	130
MATRUH	00	9	08	1	0	0	—	8.0	17.9	74																	58	39	131
DIKHEILA																												—	150
ALEXANDRIA	01	8	24	2	2	5	8	8.7	17.4	59	02	8	24	5	2	5	8	14.7	-4.2	15.2	20	+1	11	+1	51	0	155	117	132
DAMIETTA											00	7	20	2	0	0	—	13.9	—	10.0	18	—	8	—	89	0	63	51	159
PORT SAID	01	8	06	3	1	5	6	8.4	17.3	64	00	8	22	4	0	0	—	14.2	-3.6	12.6	20	+1	12	+1	94	0	48	39	134
EL ARISH	01	9	30	—	1	3	8	10.8	19.3	52	00	9	20	—	0	0	—	13.9	-4.7	15.0	20	+2	7	0	68	0	166	40	135
LOWER EGYPT																													
DAMANHUR	02	7	16	3	2	5	5	8.3	18.6	72	00	6	20	4	0	0	—	14.0	-4.6	6.8	20	0	5	-2	88	0	42 ~~56~~	46	136
MANSURA	01	7	12	2	1	4	8	8.8	20.2	61	00	8	20	1	0	0	—	14.2	—	7.5	22	+2	7	0	93	0	31	21	137
TANTA	01	8	24	2	1	3	8	8.7	21.6	57	00	8	20	1	0	0	—	15.4	-3.8	10.6	22	+2	4	-3	80	0	28	17	138
ZAGAZIG	02	6	16	2	1	6	8	9.0	21.6	50	00	6	20	2	0	0	—	14.4	-4.7	9.2	23	+3	6	-1	77	0	32	12	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	7	20	3	1	4	4	10.0	22.6	37																	40	—	141
CAIRO EZBEKIYA	01	7	18	2	1	3	4	8.8	21.9	39	09	5	14	1	0	0	—	16.8	-2.7	11.5	23	+3	9	+1	68	0	37	11	—
CAIRO GIZA	01	8	16	2	1	3	3	9.2	23.1	26	09	5	00	0	0	0	—	15.9	-4.0	11.3	24	+5	7	+1	78	0	34	12	—
HELWAN	00	8	18	1	0	0	—	8.6	20.0	41	05	5	00	0	0	0	—	16.4	-3.3	9.8	21	+3	8	0	70	0	46	11	143
SUEZ	01	9	16	3	1	3	8	9.2	21.0	57	00	8	32	2	0	0	—	14.2	-4.6	12.6	21	-1	10	0	62	0	36	9	144
UPPER EGYPT																													
FAIYUM	00	8	22	1	0	2	3	9.0	22.3	40	08	4	00	0	4	0	—	16.8	-2.6	9.1	23	+2	8	+2	60	0	72	3	153
MINYA	00	9	20	2	0	0	—	9.0	22.3	46	01	6	30	1	1	4	5	17.0	+3.0	6.9	24	+4	2	-4	67	0	1	—	154
ASYUT	00	7	30	1	0	0	—	9.4	23.1	55	01	6	28	1	1	3	2	17.2	-3.0	9.2	26	+6	6	0	65	0	14	3	155
QENA	00	9	12	1	0	0	—	8.4	24.8	47	01	8	26	2	0	4	1	16.6	-2.5	14.4	26	+3	9	+2	53	0	20	—	156
LUXOR	00	7	26	2	0	0	—	8.7	27.5	60																	Tr.	—	157
ASWAN	00	9	00	0	0	0	—	7.9	28.0	39	00	9	32	1	0	0	—	13.6	-5.5	17.2	31	+8	16	+6	31	0	dr	—	158
WESTERN DESERT																													
SIWA	00	8	28	2	0	0	—	11.0	18.8	66	00	7	00	0	0	0	—	20.2	-0.5	4.3	19	0	1	-3	71	0	2	5	148
BAHARIYA	00	9	08	1	0	0	—	10.0	18.0	44	00	9	32	1	0	0	—	18.7	-1.6	8.0	20		6		65	0	7	—	149
KHARGA	00	9	00	0	0	1	1	10.8	27.4	36	00	9	32	3	0	0	—	16.4	-3.2	12.8	28	+6	—	—	30	0	4	—	151
DAKHLA	00	8	28	2	0	0	—	—	23.3	33	00	7	28	4	0	0	—	18.6	-1.9	8.5	26	+3	7	+2	60	0	Tr.	—	152
RED SEA																													
TOR	00	7	20	2	0	0	—	8.3	23.3	66	00	6	02	3	0	2	1	13.0	-5.0	17.7	25	+4	12	+3	83	0	1	8	145
HURGHADA	00	9	08	2	0	0	—	10.0	23.0	91	00	9	27	3	0	0	—	13.6	-4.6	18.5	24	+2	13	+3	90	0	8	—	146
QUSEIR	00	8	08	2	0	0	—	9.6	22.8	64	00	8	30	1	0	0	—	11.1	-6.7	20.0	23	0	17	+3	70	0	20	—	147
PORT SUDAN																										0	81	86	169
NORTH SUDAN																													
WADI HALFA	02	8	20	1	0	5	4	7	29	37	00	7	28	3	0	0	—	14		16					42	0	0	—	165
KAREIMA	02	8	18	1	1	5	2	5	35	30	02	8	32	2	0	5	2	10		22					—	0	0	1	166
ATBARA	01	7	06	4	1	4	4,2	4	34	29	00	9	32	1	0	3	—	9		23					50	0	0	2	167
KHARTUM																										0	Tr.	4	168
KASSALA	01	8	28	2	1	3	2	2	36	22	00	7	00	0	0	0	—	8		24					69	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	32	2	0	3	1	2	37	13	01	7	04	1	1	4	1	9		22					44	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	3	0	0	—	3	37	13	00	9	28	3	0	0	—	8		22		—		—	44	—	—	49	182
ROSEIRES	00	7	28	2	0	0	—	3	38	21	00	7	24	2	0	0	—	8		22					53	0	1	36	172
EL OBEID	01	9	00	0	1	4	2	2	36	12	00	8	00	0	0	3	1	9		22					31	0	6	16	174
EL FASHER	02	9	12	1	1	5	2	—	36	13	01	9	00	0	0	4	1	—		16					42	0	5	6	175
GENEINA	00	8	12	1	0	2	1	—	35	10	01	8	02	2	1	4	2	—		17					24	—	—	4	179
KADUGLI	00	8	28	3	0	1	1	3	38	11	00	8	28	2	0	0	—	9		23					27	—	—	89	187
S. SUDAN																													
MALAKAL	00	8	32	2	0	0	—	2	37	14	00	8	00	0	0	0	—	7		24					41	0	48	88	176
WAU	02	8	00	0	1	7	2	5	35	25	00	8	22	3	0	0	—	9		23					69	0	178	143	177
JUBA	00	7	10	3	0	0	—	4	37	24	05	6	18	1	1	5	4	9		24					54	0	147	144	178

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	8 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.
									10 05 20	10 03 20	10 10 25	10 05 40		10 28 20
									15 29 05	15 06 15	15 07 20	15 07 20		15 20 15
									20 31 05	20 10 15	20 04 25	20 05 30		20 35 05
									30 31 20	30 07 15	30 33 20			30 07 20
									40 28 20	40 08 10	40 29 20			
									45 27 20	50 31 05	45 30 20			
										60 31 30	50 26 15			

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 11th	Diff. from normal	Wet Bulb Temp °C on 11th	Diff. from normal
Alexandria	65	-1	12.1	+0.3
Ezbekiya	64	-5	11.9	+1.7
Giza	69	-4	11.1	+1.2
Helwan	44	-14	10.8	+1.4

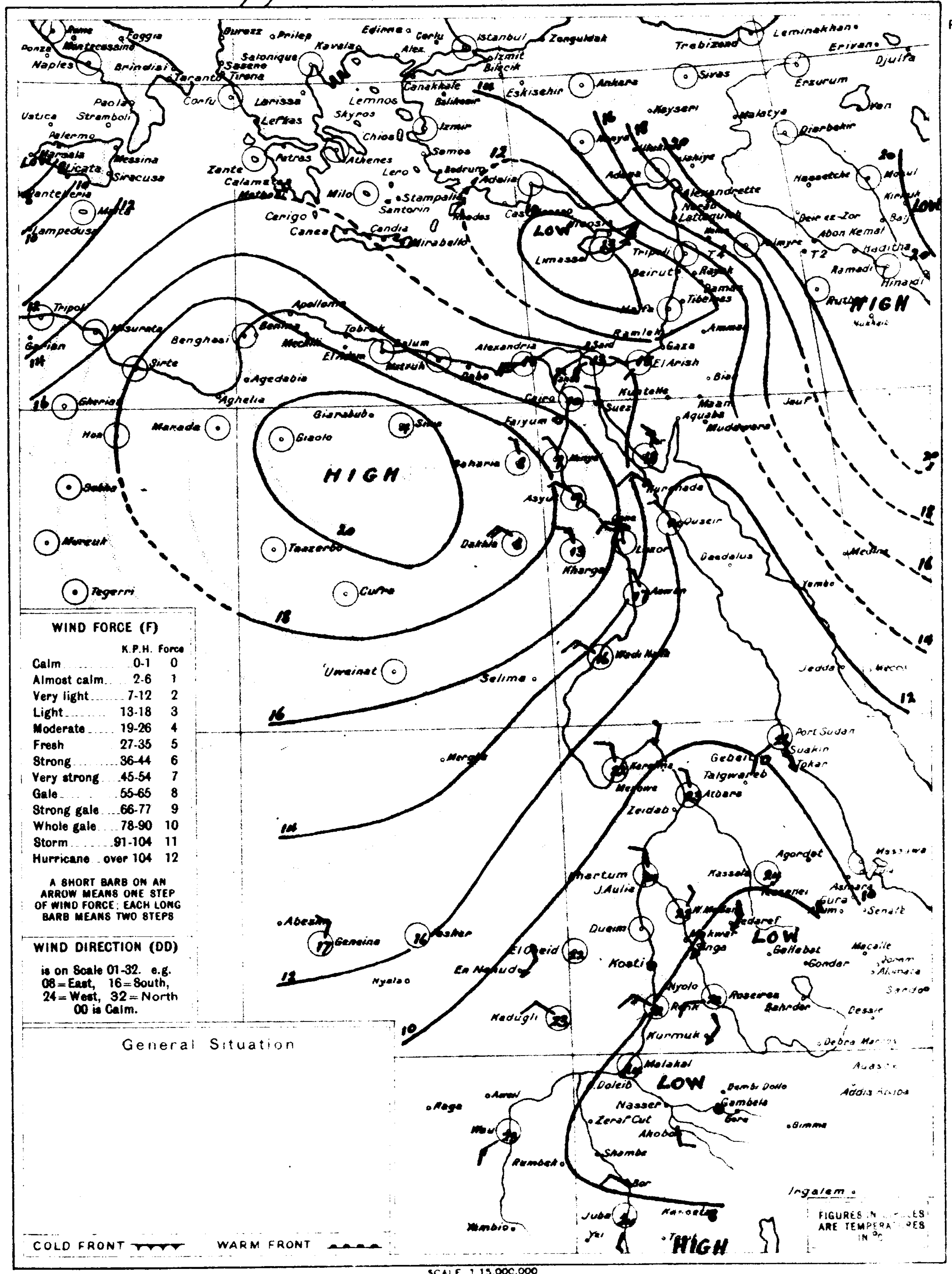
Giza Grass minimum on 12th 3.8 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1940	1939
12 – 1	822	926
11 – 1	810	926

Gauge	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
	1940				
Juba		—	—	—	—
Nasser		6.13	-0.55	6.20	-0.55
Malakal		10.78	-0.58	10.82	-0.57
Roseires		12.25	+0.06	12.26	+0.06
Sennar Res.		20.69	—	20.67	—
J. Aulia U.S		377.41	—	377.49	—
J. Aulia D.S		371.39	-0.61	371.38	-0.64
Khartum		10.48	-0.65	10.47	-0.68
Kh. el Girba					
Atbara		10.43	-0.27	10.43	-0.28
Kajnarti		132.58	-1.35	132.63	-1.33
Aswan Res.		121.01	—	121.02	—
Aswan D.S.		85.07	-1.12	85.03	-1.16
Roda (Cairo)		14.81	0.00	14.81	-0.01

١٢/١/١٩٤٠ Isobars, Wind and Temperature at 8 h. 12-1-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

Station	ww	V	Wind DD	Wind F	Past W	Cloud N	Cloud C	Bar. M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday MM	Diff from norm	Min. Today mm	Diff from norm	Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	00	0	0	0	—	16.2	—	10.8	26	—	9	—	65	0	16	—
Limassol	02	6	06	4	1	5	—	11.4	-6.44	13	—	—	—	—	—	0	387	232
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 14.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder ... rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist Fog ... last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO

Time of Sunrise 06 52 h. m.

Sunset 17 15 h. m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JANUARY, 1945 ١٩٤٥ شهر يناير

1920 -1-١٣ Isobars, Wind and Temperature at 8 h. 13-1-1945

At 14 h. on 12th الساعة ١٤ يوم ١٢

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU
MEDITERRANEAN: SALUM										
MATRUH	01	9	26	3	1	4	9	17.5	15.0	78
DIKHEILA										
ALEXANDRIA	02	8	26	5	2	6	8	16.6	16.0	61
DAMIETTA	01	7	26	4	1	3	8	15.2	16.9	53
PORT SAÏD	00	8	26	4	0	0	—	15.2	18.0	54
EL 'ARISH										
LOWER EGYPT: DAMANHUR	00	7	20	4	0	3	8	—	17.8	75
MANSURA	01	8	28	2	1	4	8	15.9	18.2	68
TANTA	01	8	00	0	0	4	8	16.7	18.0	56
ZAGAZIG	01	6	28	2	1	4	8	17.2	17.2	63
MIDDLE EGYPT, CAIRO: ALMAZA	00	7	28	3	1	1	6	18.0	16.5	43
EZBEKIYA	00	8	26	1	0	0	—	17.1	17.5	31
GIZA	00	8	26	1	0	0	—	17.0	18.8	24
HELWAN	00	7	26	4	0	0	—	17.1	15.7	27
SUEZ	00	9	28	3	0	0	—	15.1	20.0	41
UPPER EGYPT: FAIYUM	00	8	32	3	0	0	—	17.5	17.0	30
MINYA	01	9	28	2	1	3	2	17.8	18.6	56
ASYUT	01	7	28	2	1	3	2	17.4	16.9	35
QENA	01	9	26	2	0	3	1	13.9	21.8	30
LUXOR	00	7	30	3	0	0	—	15.0	22.0	36
ASWAN										
WESTERN DESERT: SIWA	00	8	24	4	0	0	—	20.6	14.5	62
BAHARIYA	00	9	08	1	0	0	—	18.0	14.0	37
KHARGA	00	9	32	4	0	1	1	16.6	18.8	21
DAKHLA	00	7	28	6	0	0	—	18.2	16.0	45
RED SEA: TOR	00	7	30	4	0	3	—	12.4	23.0	50
HURGHADA	01	8	30	5	1	4	6	12.4	23.0	40
QUSEIR	00	8	01	3	0	0	—	11.1	24.2	51
PORT SUDAN										
NORTH SUDAN: WADI HALFA	18	5	30	5	0	0	—	12	24	17
KAREIMA	02	8	04	2	1	5	2	7	34	25
'ATBARA	01	8	30	2	1	3	1	5	34	27
KHARTUM										
KASSALA	00	7	04	1	0	0	—	1	38	13
CENTRAL SUDAN: WAD MEDANI										
DUEIM										
RENK	00	9	30	3	0	0	—	2	39	12
ROSEIRES	00	7	26	2	0	0	—	—	38	18
EL OBEID	00	8	02	3	0	0	—	2	37	11
EL FASHER	01	9	00	0	1	5	1	—	36	20
GENEINA	02	8	02	3	1	8	2	—	35	07
KADUGLI	00	8	04	4	0	0	—	—	34	20
S. SUDAN: MALAKAL	00	8	02	3	0	0	—	1	39	13
WAU	00	8	00	0	0	2	8	2	37	27
JUBA	00	8	04	2	0	1	8	4	37	22

At 8 h. on SATURDAY 13th السبت ١٣ الساعة ٨ يوم

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMP. Dry Bulb °C TTT	MAX. Yesterday °C MM	MAX. Diff. from norm. °C	MIN. Today °C mm	MIN. Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms.	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms	STATION NUMBER
MEDITERRANEAN: SALUM																			130
MATRUH	01	9	24	1	1	4	8	23.9	+5.3	11.8	17	-1	7	-2	99	0	58	91	131
DIKHEILA																			150
ALEXANDRIA	02	8	28	2	2	5	8	22.7	+3.9	15.4	16	-3	11	+1	57	tr.	155	118	132
DAMIETTA	01	8	20	1	1	4	8	21.6	—	15.0	18	—	8	—	57	0	63	52	159
PORT SAÏD	01	8	24	4	1	3	6	21.4	+3.8	13.7	19	0	11	0	79	tr.	48	40	134
EL 'ARISH																	166	41	135
LOWER EGYPT: DAMANHUR	01	6	24	3	1	4	8	22.2	+3.6	9.2	19	-1	7	0	87	tr.	56	47	136
MANSURA	01	7	24	2	1	4	8	21.9	—	9.2	20	0	7	0	91	0	31	21	137
TANTA	01	8	00	0	1	3	8	21.8	+2.6	8.6	18	-2	5	-2	89	0	28	17	138
ZAGAZIG	01	6	22	2	1	3	8	20.3	+1.2	8.2	20	0	6	-1	94	0	32	12	139
MIDDLE EGYPT, CAIRO: ALMAZA	05	6	00	0	0	2	6	22.4	—	11.0	17	—	8	—	82	0	40	—	141
EZBEKIYA	06	4	00	0	4	2	5	22.8	+3.3	11.0	19	-1	8	0	77	0	37	11	—
GIZA	08	4	00	0	4	3	3	22.8	+3.0	7.8	20	+1	4	-2	90	0	34	12	—
HELWAN	09	5	00	0	0	1	8	22.3	+2.7	9.2	17	-1	7	-1	83	0	46	11	143
SUEZ	01	8	32	3	1	4	8	21.6	+2.8	10.5					88	0	36	9	144
UPPER EGYPT: FAIYUM	00	8	00	0	0	0	—	23.2	+3.8	9.2	18	-3	6	-1	75	0	72	3	153
MINYA	01	7	28	1	1	3	3	22.6	+2.6	6.4	19	-1	3	-3	78	•	1	—	154
ASYUT	00	6	20	1	0	0	—	22.0	+1.8	6.3	18	-2	3	-3	63	0	14	3	155
QENA	01	8	26	3	0	4	1	20.0	+0.9	9.6	23	0	7	0	52	0	20	—	156
LUXOR	00	7	10	1	0	0	—	18.6	—	10.0	23	—	4	—	68	0	tr.	—	157
ASWAN	02	9	32	4	1	5	1	19.5	+0.4	11.4	23	0	10	0	31	0	tr.	—	158
WESTERN DESERT: SIWA	00	7	00	0	0	0	—	25.1	+4.4	4.0	15	-4	1	-3	75	0	2	5	148
BAHARIYA	00	9	00	0	0	0	—	24.2	+3.9	9.0	15	—	4	—	61	0	7	—	149
KHARGA	00	9	00	0	0	1	1	21.2	+1.6	6.2	21	-1	4	-2	39	0	4	—	151
DAKHLA	00	7	32	1	0	0	—	23.8	+3.3	3.8	17	-5	2	-3	67	0	tr.	—	152
RED SEA: TOR	00	7	04	2	0	0	—	17.8	-0.2	14.0	24	+3	11	+2	61	0	1	8	145
HURGHADA	00	9	28	5	0	0	—	19.1	+0.9	14.5	23	+1	15	+5	48	•	8	—	146
QUSEIR	00	8	28	3	0	0	—	17.2	-0.6	15.0	25	+2	14	0	51	0	20	—	147
PORT SUDAN																0	81	86	169
NORTH SUDAN: WADI HALFA	01	8	28	4	0	4	2	16		9					50	0	0	—	165
KAREIMA	02	8	02	2	1	6	2	15		18					24	0	0	1	166
'ATBARA	01	7	30	3	1	5	4,2	12		22					38	0	0	2	167
KHARTUM																0	tr.	4	168
KASSALA	00	7	00	0	1	0	—	9		24					65	0	9	8	170
CENTRAL SUDAN: WAD MEDANI	01	5	32	2	0	4	1	11		21					50	0	8	12	171
DUEIM																0	4	13	173
RENK	00	8	30	5	0	0	—	10		35					20	—	—	49	182
ROSEIRES	00	7	26	2	0	0	—	9		24					38	0	1	36	172
EL OBEID	00	7	32	3	0	1	1	12		21					31	0	6	16	174
EL FASHER	00	6	32	1	0	4	1	—		17					39	0	5	6	175
GENEINA	05	6	02	3	0	3	1	—		17					26	—	—	4	179
KADUGLI	00	5	32	2	0	1	1	11		25					36	—	—	89	187
S. SUDAN: MALAKAL	00	8	02	4	0	0	—	8		27					27	0	48	88	176
WAU																0	178	144	177
JUBA	05	7	16	1	8	6	4	10		26					62	2	149	144	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 13th الرياح العليا يوم ١٣

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	FASHER	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	8 h. 45 m.	h. m.	7 h. m.	7 h. m.	8 h. m.	8 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.
				02 36 05		02 32 20	02 36 30	10 02 35	10 05 30	10 01 20	10 03 40	10 03 70		10 23 20
				05 01 40		05 01 35	05 01 35	15 01 15	15 34 30	15 08 20	15 02 40	15 03 50		15 20 05
				08 01 35		10 03 55	10 03 25	20 32 20	20 28 35	20 08 20	20 19 15	20 07 15		20 35 15
				10 01 40		15 33 35	15 33 20	30 27 60?	30 30 30	30 03 10	30 26 15	30 19 05		
				15 01 30		20 34 35	20 29 25	40 29 70?		35 01 25	35 32 35			
				20 01 30		25 33 35	30 27 30							
				23 35 30										
				25 33 35										
				30 29 65?										
				32 31 40										

Forecast for 24 hours from noon on

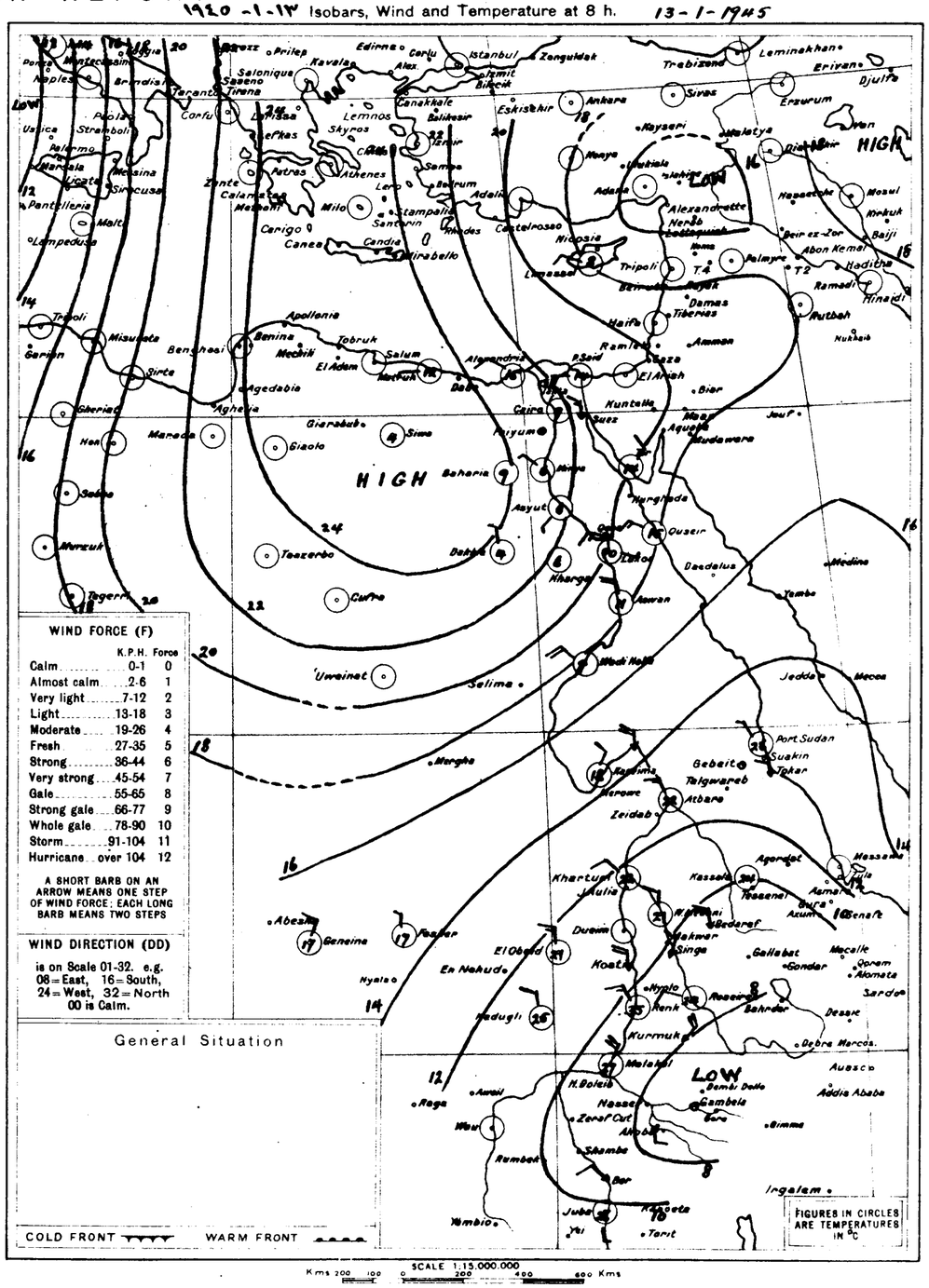
تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 12th	Humidity Diff. from normal	Wet Bulb Temp. °C on 12th	Wet Bulb Temp. Diff. from normal
Alexandria	51	-15	11.3	-0.4
Ezbekiya	56	-12	9.0	-1.2
Giza	49	-4	8.5	-1.4
Helwan	48	-10	6.9	-2.5
Giza Grass minimum on	13th		1.9	°C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
13-1	822	1037
12-1	822	926

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jubba		—	—	—	—
Nasser		—	—	6.13	-0.55
Malakal		10.75	-0.57	10.78	-0.58
Roseires		12.22	+0.04	12.25	+0.06
Sennar Res.		—	—	20.69	—
J. Aulia U.S		—	—	377.41	—
J. Aulia D.S		—	—	374.39	-0.61
Khartum		—	—	10.48	-0.65
Kh. el Girba		—	—	—	—
'Atbara		10.43	-0.26	10.43	-0.27
Kajnarti		—	—	133.88	-1.35
Aswan Res.		121.63	—	121.61	—
Aswan D.S.		85.02	-1.15	85.07	-1.12
Roda (Cairo)		18.81	+0.02	18.81	0.00



STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	BAR. PRESSURE Diff. from normal mbs.	TEMP. Dry Bulb °C TTT	MAX. Yesterday °C MM	MAX. Diff. from norm. °C	MIN. Today °C mm	MIN. Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms.	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms
Al-Hamadi	01	8	00	0	0	4	4	18.2	—	8.0	26	—	3	—	59	0	16	—
Limassol	02	7	26	2	2	7	—	17.6	-0.2	8	—	—	—	—	—	tr.	387	235
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 14.4 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90 99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 h 56 m
Sunset 17 h 16 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1945 ١٩٤٥ شهر يناير

1417 F.C.

At 14 h. on 13th (الساعة ١٤ يوم ١٣) — At 8 h. on SUNDAY 14th (الساعة ٨ يوم الأحد ١٤)

Station	14h Present weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. M.S.L. 1000+ mbs PPP	8h Bar. Diff. from normal mbs	Dry bulb °C TTT	Max. yesterday °C MM	Max. diff from norm °C	Min. today °C mm	Min. diff from norm °C	Humidity UU	Rain past 24 hrs mms	Rain total from Oct 1 mms	Rain normal from Oct 1 mms	Station number
MEDITERRANEAN																													
SALUM																													130
MATRUH	01	9	32	1	1	4	8	22.7	16.7	72	01	9	24	1	1	3	8	23.0	+4.5	13.4	17	-1	8	-1	91	0	58	92	131
DIKHEILA																													150
ALEXANDRIA	01	9	08	3	2	4	8	21.9	17.4	44	01	9	32	2	2	4	8	22.2	+3.4	15.2	18	-1	13	+3	56	0	155	120	132
DAMIETTA	01	8	32	4	1	3	8	20.8	16.2	49	01	7	28	1	1	4	8	21.4	—	11.2	17		8		77	0	63	63	159
PORT SAID	00	8	30	4	0	0	—	20.6	16.0	53	01	8	30	3	1	4	4	20.8	+3.2	16.1	20	-1	13	+2	63	0	48	41	134
EL ARISH	01	9	30		1	3	8	—	17.6	46	01	8	00	0	1	3	8	—	—	12.2	20	+2	10	+3	68	0	166	41	135
LOWER EGYPT																													
DAMANHUR	01	7	32	4	1	4	8	21.9	17.0	59	01	6	28	2	1	3	8	21.6	+3.0	8.8	18	-2	7	0	84	0	42 56	48	136
MANSURA	01	8	30	2	1	4	8	21.2	18.0	57	01	7	02	1	1	3	8	21.4	—	10.2	19	-1	7	0	82	0	31	22	137
TANTA	01	8	20	2	1	4	8	20.6	18.9	55	00	8	00	0	0	0	—	21.6	+2.4	7.3	19	-1	5	-2	88	0	28	18	138
ZAGAZIG	01	7	28	2	1	3	8	21.2	18.2	47	00	6	20	2	0	2	8	21.8	+2.7	7.6	20	0	6	-1	94	0	32	12	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	01	7	03	4	1	4	8	21.5	18.0	57	01	7	00	0	0	4	6	22.3	—	9.0	18		7		71	0	40		141
EZBEKIYA	02	8	26	3	1	5	8	20.7	18.8	49	08	4	26	1	4	5	8	22.0	+2.5	9.3	19	-1	7	-1	86	0	37	11	
GIZA	02	8	28	2	1	5	8	20.8	17.6	61	01	6	00	0	1	4	8	22.3	+2.5	8.8	18	-1	3	-2	89	0	34	12	
HELWAN	01	8	32	4	1	4	6	20.8	16.9	43	05	5	00	0	1	4	6	21.8	+2.2	8.4	17	-1	7	-1	79	0	46	12	143
SUEZ	01	9	32	3	1	3	8	20.4	18.0	42	00	8	32	2	0	0	—	21.2	+2.5	10.0	19	-1	7	-3	78	0	36	9	144
UPPER EGYPT																													
FAIYUM	01	8	32	3	1	4	8	21.4	18.0	38	00	8	00	0	0	0	—	22.2	+2.8	8.8	20	-1	5	-1	77	0	72	3	153
MINYA	00	9	32	3	1	0	—	20.3	18.2	42	01	5	32	1	1	3	2	21.2	+1.2	6.1	18	-2	4	-2	70	0	1		154
ASYUT	01	8	30	2	1	3	2	19.1	17.1	48	00	6	22	1	0	0	—	20.7	+0.5	6.8	19	-1	3	-3	82	0	14	3	155
QENA	01	9	26	2	1	4	1	17.1	17.8	39	00	7	26	2	1	0	—	18.4	-0.7	8.8	20	-3	5	-2	80	0	20		156
LUXOR	00	7	06	2	0	0	—	17.2	22.0	36	00	7	28	2	0	0	—	—	—	13.5	23		4		72	0	tr.		157
ASWAN	02	9	32	1	1	5	1	15.6	21.0	20	00	9	00	0	0	0	—	18.4	-0.6	11.0	22	-1	8	-2	56	0	tr.	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	22.6	17.5	64	00	7	00	0	0	0	—	23.5	+2.8	4.0	18	-1	0	-4	80	0	2	5	148
BAHARIYA	00	9	00	0	0	0	—	21.6	17.5	36	00	9	00	0	0	0	—	22.7	+2.4	9.0	19		5		73	0	7		149
KHARGA	00	9	02	5	0	1	1	—	17.4	40	00	9	32	2	0	0	—	19.8	+0.2	11.4	17	-5	6	0	67	0	4	—	151
DAKHLA	00	8	28	2	0	0	—	20.4	16.0	64	00	7	24	1	0	0	—	21.8	+1.3	8.8	18	-4	3	-2	78	0	tr.		152
RED SEA																													
TOR	00	7	28	5	0	0	—	15.5	20.2	65	00	7	02	2	0	0	—	18.4	+0.6	13.2	21	0	9	0	58	0	1	8	145
HURGHADA	01	8	30	5	1	4	1	16.7	19.5	86	00	9	26	3	0	0	—	18.8	+0.6	13.8	20	-2	12	+2	83	0	8	—	146
QUSEIR	00	8	32	3	0	0	—	15.9	20.3	42	00	8	30	3	0	0	—	17.0	-0.8	15.0	22	-1	14	0	64	0	20	—	147
PORT SUDAN																										0	81	87	169
NORTH SUDAN																													
WADI HALFA	02	8	30	3	1	6	2	16	22	13	00	8	28	3	0	3	—	19		9					62	0	0		165
KAREIMA	01	8	02	4	1	3	1	11	29	17	00	8	04	2	0	1	1	17		13					19	0	0	1	166
ATBARA	01	8	32	3	1	5	2	8	29	33	00	7	04	4	0	0	—	13		19					17	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	01	8	02	4	1	4	1	4	37	13	00	8	00	0	0	0	—	11		22					78	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI																										0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	04	3	0	0	—	3	37	13	00	8	04	3	0	2	2	12		23	—		—		44	—	—	49	182
ROSEIRES	00	7	30	2	0	0	—	4?	38	21																0	1	36	172
EL OBEID	01	8	02	4	0	5	2	7	30	27	00	7	30	4	0	0	—	14		17					22	0	6	16	174
EL FASHER	05	6	04	2	1	4	1	—	30	21	02	8	02	2	1	5	1	—		14					32	0	5	6	175
GENEINA											02	8	02	3	2	5	2	—		15					30	—	—	4	179
KADUGLI	00	7	04	4	0	3	1	5	37	13	05	5	04	4	0	3	1	11		23					18	—	—	89	187
S. SUDAN																													
MALAKAL	00	8	02	5	0	0	—	4	37	16	00	8	02	4	0	3	2	10		26					30	0	48	88	176
WAU	01	8	00	0	0	3	8	6	35	39	00	7	00	0	0	0	—	11		22					69	0	178	144	177
JUBA	05	7	32	3	1	4	8,4	6	36	31	08	7	20	2	1	6	4	12		25					70	0	149	144	178

UPPER WINDS ON 14th (الرياح العليا يوم ١٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 45 m.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 8 h.	KHARTUM 7 h.	KASSALA	EL OBEID	MALAKAL 8 h.	JUBA 7 h.
				02 35 10		02 36 28	02 36 10	10 01 30	10 02 50	10 01 30				10 19 40
				05 02 35		05 02 44	05 03 23	15 35 28	15 34 32	15 02 20			15 03 40	15 30 18
				08 03 36		10 02 44	10 04 22	20 33 40	20 32 30	20 05 25			20 04 40	20 06 20
				10 02 36		15 36 44	15 35 20	30 03 50	30 26 40	30 01 30				
				15 03 35		20 33 35	20 33 20	40 32 60		40 02 50				
				Ent Sc.		25 31 36	25 31 46							

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 13th	Diff. from normal	Wet bulb temp °C on 13th	Diff. from normal
Alexandria	49	-17	10.9	-0.7
Ezbekiya	67	-1	10.9	+0.7
Giza	69	-4	10.0	+0.1
Helwan	65	+7	9.2	-0.1

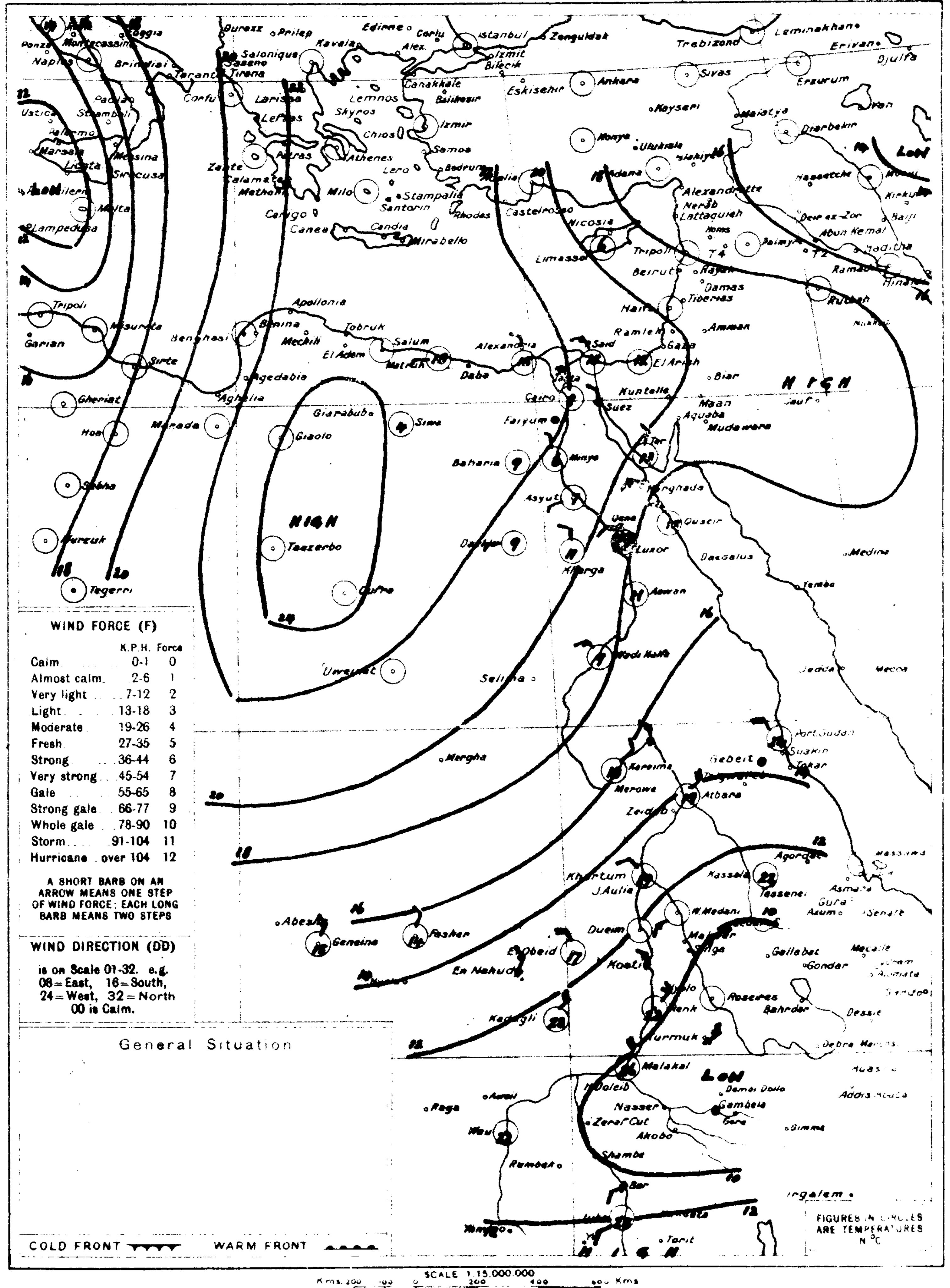
Giza Grass minimum on 14th 0.6 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
14-1	821	934
3-1	822	1037

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	12.70	-0.70
Nasser		—	—	6.07	-0.82
Malakal		10.72	-0.58	10.75	-0.57
Roseires		12.30	+0.04	12.22	+0.04
Sennar Res.		—	—	20.69	—
J. Aulia U.S		—	—	377.28	—
J. Aulia D.S		—	—	371.41	-0.57
Khartum		10.46	-0.63	10.46	-0.65
Kh. el Girba					
Atbara		10.41	-0.37	10.43	-0.36
Kajnarti		—	—	132.88	-1.38
Aswan Res.		121.04	—	121.23	—
Aswan D.S.		86.08	-1.14	85.04	-1.18
Roda (Cairo)		14.81	+0.03	14.81	+0.02

١٩٤٥-١-١٤ Isobars, Wind and Temperature at 8 h. 14-1-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000 — Kms. 200 100 0 200 400 600 Kms

At 8 h. on 14th (الساعة ٨ يوم ١٤)

Station (محطة)	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry bulb °C TTT	Max. yesterday °C MM	Max. diff from norm °C	Min. today °C mm	Min. diff from norm °C	Humidity UU	Rain past 24 hrs mms	Rain total from Oct 1 mms	Rain normal from Oct 1 mms
Maghamadi	00	8	00	0	0	0	—	18.8	—	8.7	19	—	8	0	74	0	16	—
Limassol	00	9	10	0	0	0	—	18.4	+0.6	6	—	—	—	—	—	0	387	239
SHIPS (سفن)																		

Remarks

WATER TEMP. RIVER NILE CAIRO 16.3 C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant [illegible]	09
Rain [illegible]	10
Thunder [illegible] rain	11
Distant [illegible]storm	12
Squall	14
Slight Duststorm	18
Rain [illegible] past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Dust [illegible]	30-34
Fog or Thick Haze	40-49
Mod. Fog [illegible] past hour	41
Thick	42
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
[illegible] of Snow	83-84
[illegible] of Sleet	85-86
[illegible] of Hail	87-89
Thunderstorm	90-99
[illegible]	91
,, with Hail	95-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear [illegible] cloud	0
Variable [illegible]	1
Mainly overcast	2
Sandstorm Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150.

CAIRO
Time of Sunrise h 06 m 54
Sunset 17 17

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month **JANUARY** 1945 ١٩٤٥ شهر يناير

At 8 h on 14th ١٤ — At 8 h on MONDAY 15th الاثنين ١٥

Station	14th Present Weather	14th Visibility	14th Wind Dir	14th Wind Force	14th Past Weather	14th Cloud Amount	14th Cloud Form	14th Bar. Press.	14th Temp	14th Humidity	15th Present Weather	15th Visibility	15th Wind Dir	15th Wind Force	15th Past Weather	15th Cloud Amount	15th Cloud Form	Bar. M.S.L. 1000+ mbs	Diff. from normal	Dry Bulb	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rain past 24 h	Total since	Normal	Stat. No.
	01	9	32	1	1	3	8	20.3	16.9	72	00	8	20	5	0	0	—	16.3	-2.2	11.4	17	-1	8	-1	78	0	58	94	151
	01	9	04	1	2	3	8	20.3	18.0	44	01	8	20	2	5	4	4	17.6	-1.2	12.2	20	+1	10	0	66	tr.	156	121	152
	01	8	30	3	1	4	8	19.5	16.3	69	01	7	20	2	2	4	6	17.9	—	9.6	17		8		79	0	63	54	59
	02	8	30	3	2	5	8	19.8	17.8	57	02	8	22	2	2	6	6	17.6	0.0	12.1	20	+1	11	0	76	0	48	41	54
	01	9	00	0	1	4	8	—	17.2	54	01	8	00	0	1	4	8	17.6	-0.8	11.7	20	+2	8	+1	79	0	166	42	55
	01	7	28	3	1	3	8	19.8	16.8	53	01	6	20	3	1	3	4	17.9	-0.7	9.3	19	-1	8	+1	83	0	42	49	56
	01	8	32	1	1	4	8	19.9	18.4	55	02	6	20	2	2	5	9	17.9	—	8.8	19	-1	6	-1	83	0	31	22	57
	02	8	28	3	1	5	8	19.5	17.3	55	01	7	20	1	1	3	4	17.8	-1.4	8.8	19	-1	6	-1	76	0	28	18	58
	01	7	30	2	1	4	8	20.5	18.6	55	01	6	20	2	1	4	8	19.0	-0.1	8.2	21	+1	6	-1	92	0	32	12	59
	01	7	02	2	1	4	8	20.7	16.0	63	05	6	18	2	0	2	4	19.5	—	11.1	17		7		74	0	40		141
	02	8	30	3	1	5	8	19.9	17.6	47	09	5	14	2	4	2	4	19.1	-0.4	9.9	18	-2	7	-1	78	0	37	11	
	02	8	28	3	1	5	8	20.3	17.1	45	05	5	14	3	1	3	4	18.8	-1.0	9.2	18	-1	4	-1	86	0	34	12	
	00	8	32	4	0	3	8	19.9	16.4	42	05	6	00	0	0	0	—	19.1	-0.5	9.2	17	-1	7	-1	71	0	46	12	143
	00	9	32	3	0	0	—	19.6	16.8	44	00	8	00	0	0	0	—	18.6	-0.1	11.4	17	-3	7	-3	73	0	36	9	144
	00	8	32	3	0	0	—	19.2	17.4	43	08	4	00	0	4	3	6	19.6	+0.2	7.8	18	-3	6	0	78	0	72	3	153
	00	9	32	3	0	0	—	19.6	16.9	46	00	6	26	1	4	0	—	20.3	-0.3	8.8	18	-2	4	-2	74	0	1		154
	00	8	30	2	0	0	—	18.4	17.1	42	00	6	22	1	0	0	—	19.8	-0.4	8.5	19	-1	5	-1	73	0	14	3	155
	00	8	24	2	0	0	—	16.8	18.0	46	04	7	26	2	0	0	—	18.7	-0.4	8.2	20	-3	5	-2	83	0	20		156
	00	7	06	1	0	0	—	16.6	22.0	—	00	7	12	1	0	0	—	19.2	—	9.8	23		3		74	0	tr.		157
	00	9	32	1	0	0	—	15.4	22.0	22	00	9	00	0	0	0	—	18.4	-0.6	11.0	22	-1	7	-3	52		dy.	—	158
	00	8	28	2	0	0	—	21.8	17.8	55	00	9	00	0	0	0	—	19.4	-1.3	7.8	19	-1	1	-3	61	0	2	5	148
	00	9	00	0	0	0	—	20.4	17.4	44	00	9	00	0	0	0	—	20.7	+0.4	9.0	18		4		61	0	7		149
	00	9	32	3	0	0	—	18.6	18.8	38	00	9	00	0	0	0	—	19.6	0.0	10.0	19	-3	5	-1	62	0	4	—	151
	00	8	28	3	0	0	—	20.0	17.2	60	00	7	32	1	0	0	—	20.8	+0.4	5.0	19	-3	3	-2	84	0	tr.		152
											00	7	04	2	0	0	—	16.4	-1.6	13.0	22	+1	8	-1	58	0	1	8	145
	00	9	30	4	0	0	—	15.5	19.0	86	00	9	26	3	0	0	—	17.6?	-0.6	13.3	24	+2	11	+1	86	0	8	—	146
	00	8	32	3	0	0	—	16.0	19.7	51	00	8	28	3	0	0	—	16.2	-1.6	14.7	21	-2	12	-2	56	0	20	—	147
																										0	81	87	169
Wadi Halfa	00	9	32	2	0	1	1				00	8	28	2	0	0	—	20		8					62	0	0		165
Kareima											00	8	02	2	0	0	—	17		12					26	0	0	1	166
Atbara	00	7	30	4	0	0	—	9	29	27	00	7	06	4	0	0	—	14		17					37	0	0	2	167
Khartoum																										0	tr.	4	168
Kassala	00	8	32	2	0	0	—	0	23	57	00	8	00	0	0	0	—	11		20					78	0	9	8	170
Wad Medani	00	8	32	5	0	0	—	7	31	21	00	9	30	3	0	0	—	14		16					19	0	8	12	171
Dueim																										0	4	13	173
Renk	00	9	32	3	0	0	—	6	34	20	00	9	32	3	0	0	—	11		17					46	—	—	49	182
Roseires	00	7	32	2	0	0	—	5	36	21	00	7	28	2	0	0	—	.—		21					38	0	1	36	172
El Obeid	00	8	02	3	0	0	—	9	29	18	00	9	32	4	0	0	—	16		9					44	0	6	16	174
El Fasher	01	8	32	1	1	4	2	—	29	20	00	9	32	1	0	0	—	—		13					29	0	5	6	175
Geneina	02	7	02	3	1	5	2	—	35	09	00	8	02	3	0	2	1	—		19					15	—	—	4	179
Kadugli	00	7	04	4	0	1	1	7	35	08	00	7	04	3	0	0	—	14		20					15	—	—	89	187
Malakal											00	8	32	5	0	0	—	12		21					20	0	48	88	176
Wau											00	8	00	0	0	0	—	12		19					37	0	178	144	177
Juba	05	7	08	3	1	7	4.2	7	34	32	01	8	32	2	1	4	—	13		21					57	0	149	144	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Upper winds on 15th

Salum	Matruh	Dikheila	Port Said	Helwan 8h 30m	Minya	Asyut 7h	Aswan 7h	Wadi Halfa 7h	Kareima 8h	Fasher 7h	Kassala 7h	El Obeid 7h	Geneina 7h	Juba 7h
				02 16 20		02 34 10	08 03 20	10 36 20	10 01 45	10 04 60	10 04 20	10 01 20	10 05 45	10 34 35
				05 21 10		05 36 30	10 35 20	15 34 40	15 04 20	15 36 60	15 08 15	15 03 30	15 06 —	15 03 15
				08 28 20		10 34 35	15 33 40	20 33 40	20 31 15	20 01 25	20 28 05	20 10 15	20 04 15	20 36 25
				10 29 20		15 31 35	20 31 35	30 30 45	30 27 15	30 10 15	30 29 30	30 36 15	30 35 30	30 02 35
				15 32 20		20 32 50	25 31 30		40 33 30	40 04 60		40 34 20	40 04 45	40 08 40
				20 32 15		25 31 50			45 31 35	45 03 60		45 34 20		
				23 30 40		30 31 50								
				25 30 50										
				30 27 70										
				33 27 70										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Humidity on 14th	Diff. from normal	Wet bulb temp on 14th	Diff. from normal
Alexandria	56	-10	11.6	0.0
Ezbekiya	69	+1	12.1	-0.1
Giza	78	+5	9.9	0.0
Helwan	64	+6	8.8	-0.5

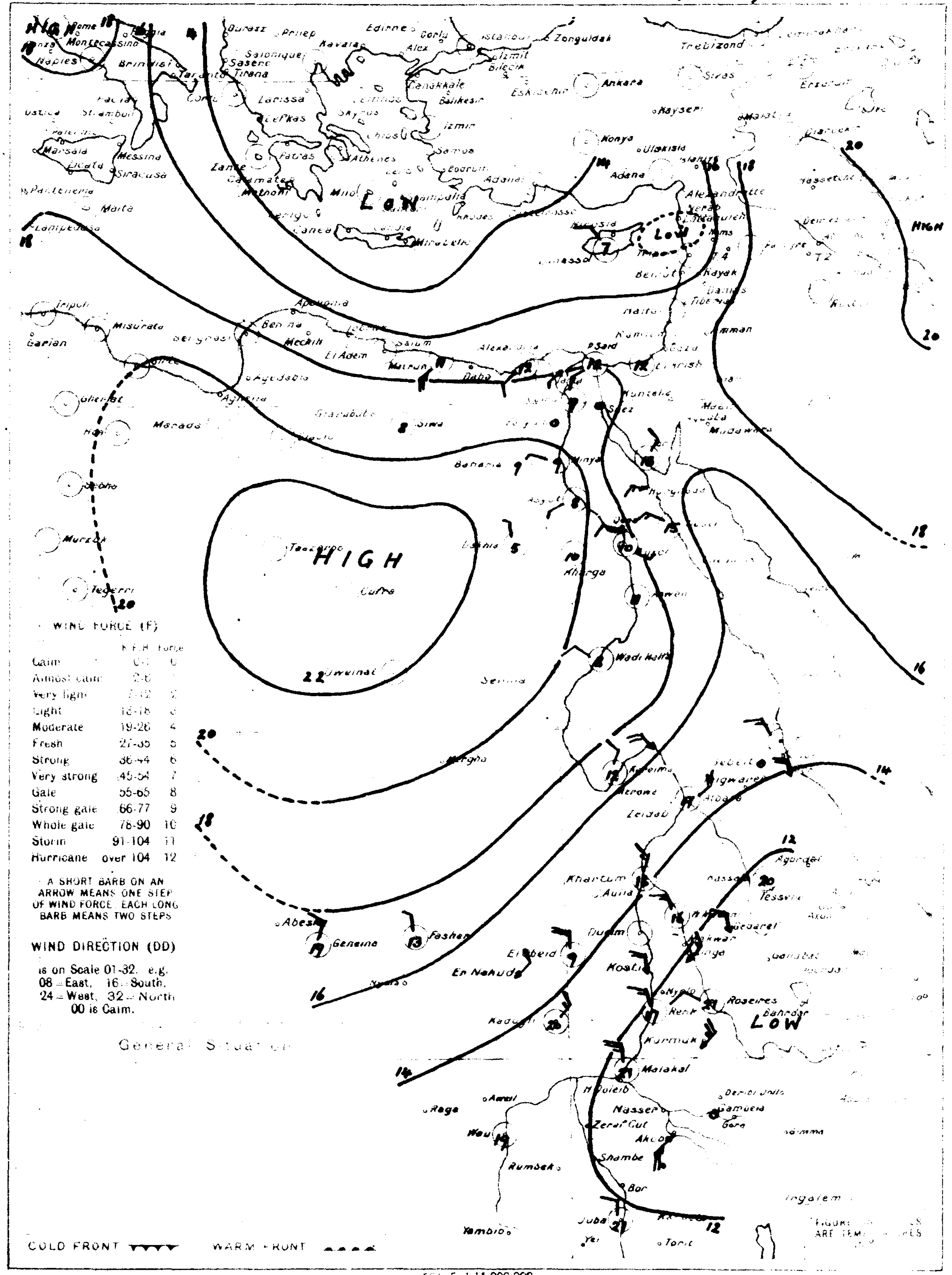
Giza Grass minimum on 16th 1.3 °C

Discharges at Aswan measured by sluices m.³ per sec

Date	1945	1944
15-1	857	1094
14-1	822	954

Gauge	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
	1945				
Jûba	15-1-1945	—	—	—	—
Nâsser		—	—	—	—
Malakal		10.70	-0.58	10.72	-0.58
Roseires		12.18	+0.04	12.20	+0.04
Sennâr Res		—	—	20.69	—
J. Aulia U.S		—	—	377.19	—
J. Aulia D.S		—	—	371.40	-0.56
Khartum		—	—	10.45	-0.63
Kh. el Girba					
Atbara		—	—	10.81	-0.27
Kajnarti		—	—	132.53	-1.36
Aswân Res		121.06	—	121.06	—
Aswân D.S.		85.09	-1.10	85.05	-1.14
Roda (Cairo)		14.81	+0.04	14.81	+0.03

15-1-1945 Isobars, Wind and Temperature at 8 h 15-1-1945



SCALE 1:15,000,000

At 8 h on 15th ١٥ يناير

Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rain past 24 h	Total since	Normal
Maghamadi	00	8	00	0	0	0	—	19.4	—	7.1	20	—	5	—	84	0	16	—
Limassol	01	9	30	2	1	4	—	15.2	-2.6	7	—	—	—	—	—	0	387	242

SHIPS سفن

Remarks

WATER TEMP. RIVER NILE CAIRO 14.1 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

CLOUD AMOUNT (N)
Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

CLOUD FORM (C)
Cirrus 1
Cirro-stratus 2
Cirro-cumulus 3
Alto-cumulus 4
Alto-stratus 5
Strato-cumulus 6
Nimbo-stratus 7
Cumulus 8
Cumulo-nimbus 9
Stratus 0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

CAIRO
Time of Sunrise h. 06 m. 56
Sunset h. 17 m. 18

Month *JANUARY* 1946 ١٩٤٥ شهر يناير

At 14 h. on *15th* ١٥ الساعة ١٤ يوم — At 8 h. on *TUESDAY 16th* الساعة ٨ يوم الثلاثاء ١٦

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	8h Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
Mediterranean	SALÛM																						—		—				—	130
Mediterranean	MATRÛH	00	9	26	4	0	0	—	12.8	18.8	66	01	8	24	3	1	4	9	16.7	-1.8	12.8	19	+1	6	-3	85	1	58	95	131
Mediterranean	DIKHEILA																						—		—				—	150
Mediterranean	ALEXANDRIA	00	9	20	5	0	0	—	13.9	16.8	44	01	9	28	4	5	4	8	15.0	-3.8	15.0	18	-1	12	+2	59	1	157	122	132
Mediterranean	DAMIETTA	01	8	20	4	1	4	8	13.8	17.6	52	c1	7	20	3	5	5	8	13.4	—	11.9	18	—	9	—	83	dr.	63	55	159
Mediterranean	PORT SAÎD	00	8	24	3	0	2	8	14.3	18.3	46	14	8	20	6	3	4	6	13.1	-4.5	11.0	20	+1	10	-1	80	0	48	42	134
Mediterranean	EL 'ARÎSH	01	9	30		2	3	8	14.6	17.1	43	01	9	20	5	1	4	4	13.4	-5.0	11.0	20	+2	9	+2	59	0	166	43	135
Lower Egypt	DAMANHÛR	01	7	20	3	1	3	8	14.2	17.	57	01	6	28	3	5	4	8	15.1	-3.5	9.6	19	-1	9	+2	92	1	43	50	136
Lower Egypt	MANṢURA	01	8	20	2	1	4	8	14.6	18.5	—	01	7	18	2	5	4	9	14.4	—	10.8	19	-1	7	0	90	tr.	32	23	137
Lower Egypt	TANTA	00	8	24	4	1	0	—	14.4	18.0	47	00	8	00	0	0	0	—	15.8	-3.3	10.8	19	-1	8	+2	84	0	28	18	138
Lower Egypt	ZAGÂZIG	01	7	20	3	1	4	8	15.4	18.2	54	01	6	24	3	1	4	7	15.8	-3.3	9.9	20	0	8	+2	87	0	32	12	139
Middle Egypt (Cairo)	ALMÂZA	01	8	21	3	0	3	8	15.9	18.0	53	02	7	22	3	1	5	6	16.8	—	11.0	19	—	10	—	74	0	40	—	141
Middle Egypt (Cairo)	EZBEKIYA	00	8	18	3	0	3	8	15.2	18.2	43	05	6	16	2	2	7	6	17.1	-2.3	10.1	20	0	8	0	65	0	37	12	—
Middle Egypt (Cairo)	GÎZA	01	8	20	3	1	3	4	15.0	20.7	34	03	6	14	2	2	8	5	17.1	-2.7	10.8	21	+2	7	+2	71	0	34	13	—
Middle Egypt	HELWÂN	00	8	18	3	0	2	8	15.5	16.9	39	13	6	14	2	2	6	6	17.8	-1.8	8.0	17	-1	6	-2	59	0	46	12	143
Middle Egypt	SUEZ	00	9	00	0	0	0	—	15.6	18.9	45	03	8	20	3	2	8	4	15.8	-2.8	14.0	20	0	10	0	57	0	36	10	144
Upper Egypt	FAIYÛM	01	8	22	2	1	4	6	15.9	19.0	40	00	6	18	2	0	0	—	17.9	-1.5	7.0	19	-2	6	0	64	0	72	4	153
Upper Egypt	MINYA											00	7	14	1	0	0	—	19.4	-0.6	10.2	21	+1	5	-1	50	0	1	—	154
Upper Egypt	ASYÛT	00	8	28	2	0	0	—	17.1	17.8	49	00	6	22	1	0	0	—	19.8	-0.4	9.9	19	-1	5	-1	57	0	14	4	155
Upper Egypt	QENA	00	9	22	3	0	0	—	14.8	20.2	30	00	7	24	2	0	0	—	19.1	0.0	9.8	21	-2	4	-3	56	0	20	—	156
Upper Egypt	LUXOR	00	7	26	2	0	0	—	15.8	21.3	28												—		—		0	tr.	—	157
Upper Egypt	ASWÂN											00	9	00	0	0	0	—	18.6	-0.4	15.0	22	-1	9	-1	44	0	dr.	—	158
Western Desert	SÎWA	00	8	28	1	0	0	—	18.4	18.3	61	03	7	00	0	2	8	5	19.6	-1.1	7.0	19	-1	4	0	78	0	2	5	148
Western Desert	BAHARÎYA	00	9	00	0	0	0	—	17.5	17.0	52	00	9	08	1	0	0	—	18.6	-1.7	10.5	18	—	5	—	63	0	7	—	149
Western Desert	KHARGA	00	9	32	2	0	0	—	17.9	19.9	29	00	9	00	0	0	0	—	20.2	+0.6	9.7	20	-2	5	-1	51	0	4	—	151
Western Desert	DAKHLA	00	8	28	2	0	0	—	17.6	18.1	52	00	7	28	2	0	0	—	20.8	+0.4	7.2	20	-2	4	-1	74	0	3	—	152
Red Sea	TÔR	00	7	28	3	0	0	—	14.0	18.2	52	00	7	02	3	0	0	—	16.7	-1.3	11.2	20	-1	7	-2	59	0	1	8	145
Red Sea	HURGHÂDA	00	9	32	4	0	0	—	14.4	19.5	—																0	8	—	146
Red Sea	QUṢEIR	00	8	02	3	0	0	—	14.0	19.8	51	00	8	24	3	0	0	—	16.4	-1.4	19.4	21	-2	13	-1	62	0	20	—	147
Red Sea	PORT SUDAN																										0	81	87	169
North Sudan	WÂDI HALFA	00	9	28	4	0	1	4	16	21	17	00	9	00	0	0	0	—	21		10					47	0	0	—	165
North Sudan	KAREIMA	00	8	02	3	0	2	2	13	25	9	00	8	10	1	0	0	—	19		12					22	0	0	1	166
North Sudan	'ATBARA	00	7	30	4	0	3	4,1	10	27	20	00	8	32	4	0	0	—	17		15					25	0	0	2	167
North Sudan	KHARTÛM																										0	tr.	4	168
North Sudan	KASSALA	00	8	28	3	0	2	8	7	31	36	00	7	00	0	0	0	—	15		18					40	0	9	8	170
Central Sudan	WAD MEDANI	00	8	30	5	0	0	—	8	31	12	00	9	32	3	0	0	—	17		11					76	0	8	12	171
Central Sudan	DUEIM																										0	4	13	173
Central Sudan	RENK	00	9	28	3	0	0	—	9	30	18	00	9	28	3	0	0	—	14?	—	17		—		—	37	—	—	49	182
Central Sudan	ROSEIRES	00	7	30	2	0	0	—	9	32	36	00	7	02	2	0	0	—	16		19					40	0	1	36	172
Central Sudan	EL OBEID	00	8	02	4	0	2	1	8	27	14	00	9	30	3	0	2	1	18		13					29	0	6	16	174
Central Sudan	EL FÂSHER	00	9	02	3	0	3	1	—	29	12	00	8	04	1	0	0	—	—		14					36	0	5	6	175
Central Sudan	GENEINA	00	8	02	4	0	3	1	—	28	29	00	8	02	4	0	0	—	—		13					18	0	—	4	179
Central Sudan	KADUGLI	00	8	02	4	0	0	—	8	31	11	01	7	04	3	0	4	1	16		19					16	—	—	89	187
S. Sudan	MALAKÂL	05	6	32	2	0	0	—	7	32	9	00	8	02	5	1	1	1	15		19					21	0	48	88	176
S. Sudan	WÂU	00	8	00	0	0	0	—	8	33	19	02	8	02	2	1	8	2	16		16					42	0	178	144	177
S. Sudan	JÛBA	00	9	32	3	1	0	—	8	34	36	05	7	30	1	1	6	2	15		22					44	0	149	144	178

UPPER WINDS ON *16th* الرياح العليا يوم ١٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Salûm h. m.	Matrûh h. m.	Dikheila h. m.	Port Said h. m.	Helwan 7 h.	Minya h. m.	Asyut 7 h.	Aswân 7 h.	Wâdi Halfa 7 h.	Kareima 8 h.	Khartûm 7 h.	Kassala 7 h.	El Obeid 7 h.	Malakâl h. m.	Jûba 7 h.
				02 17 15		02 28 20	02 30 10	10 33 40	10 01 45	10 36 30	10 03 25	10 02 55		10 01 15
				05 25 20		05 32 35	05 30 20	15 33 50	15 34 30	15 03 50	15 02 15	15 03 25		15 01 25
				08 31 36		10 32 35	10 30 20	20 32 40	20 33 45	20 03 20	20 34 10	20 03 20		20 35 20
				16 31 44		15 30 38	15 31 35	30 31 55	30 32 50	30 02 20	30 29 10	30 06 10		25 33 20
				15 31 55		20 30 40		35 32 75?		40 02 30	40 29 10	40 04 25		30 30 15
				Kal. Sc.						45 01 55	45 27 15	45 03 35		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 16th	Diff. from normal	Wet bulb temp °C on 15th	Diff. from normal
Alexandria	51	-15	10.2	-1.4
Ezbekiya	63	-5	9.8	-0.4
Gîza	72	-1	9.9	+0.1
Helwân	60	+2	8.6	-0.7

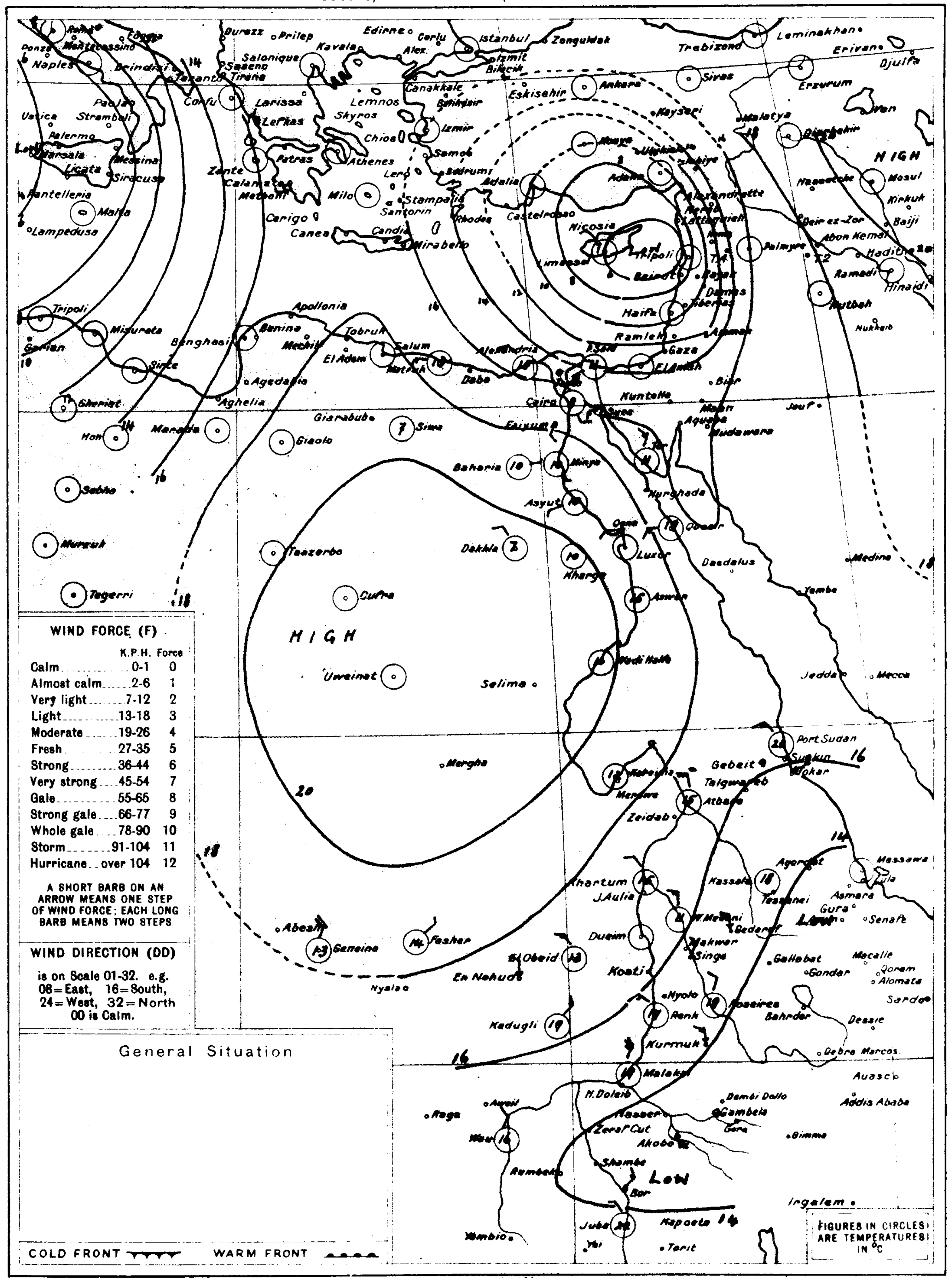
Gîza Grass minimum on 16th 4.4 °C

Discharges at Aswan measured by sluices m.³ per sec.

Date	1945	1944
16-1	892	1094
15-1	837	1094

Gauge	Date 1940	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16-1-1945	—	—	12.70	-0.70
Nâsser		—	—	5.94	-0.55
Malakâl		10.67	-0.87	10.70	-0.58
Roseires		12.16	+0.04	12.18	+0.04
Sennâr Res.		—	—	20.69	—
J. Aulia U.S		—	—	377.13	—
J. Aulia D.S		—	—	371.45	-0.49
Khartûm		10.40	-0.60	10.40	-0.64
Kh. el Girba					
'Atbara		10.40	-0.26	10.41	-0.26
Kajnarti		132.51	-1.34	132.52	-1.36
Aswân Res.		121.07	—	121.06	—
Aswân D.S.		85.14	-1.05	85.09	-1.10
Roda (Cairo)		14.81	+0.05	14.81	+0.04

١٦-١-٤٥ Isobars, Wind and Temperature at 8 h. 16-1-45



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on *16th* الساعة ٨ يوم ١٦

Station محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Naghamadi	00	8	00	0	0	0	—	19.1	—	8.4	20	—	3	—	59	0	16	—
Limassol	00	9	28	1	6	2	—	5.1	-12.7	7	—	—	—	—	—	27	414	246
SHIPS سفن																		

Remarks

WATER TEMP. RIVER NILE CAIRO 13.7 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise 06h 51m

Sunset 17 19

1417 F.C.

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *JANUARY* 1946 ١٩٤٥ شهر يناير

Region	STATION	14h 16th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h Wed. 17th ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs	Diff from normal	Dry Bulb °C	Max. Yesterday	Diff.	Min. Today	Diff.	Humidity UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN	SALUM																												—	130
	MATRUH	02	8	28	3	1	6	6	16.6	16.4	77	03	7	16	4	2	8	6	13.0	-5.4	14.0	19	+1	6	-3	76	dr.	59	97	131
	DIKHEILA																												—	150
	ALEXANDRIA	01	9	28	2	2	4	4	16.2	17.6	53	03	7	16	2	5	8	5	16.8	-2.0	12.2	18	-1	11	+1	72	dr.	157	123	132
	DAMIETTA	01	8	26	5	5	6	8	14.4	16.2	56	02	7	16	2	2	6	6	17.6	—	12.1	17	—	9	—	79	dr.	63	56	159
	PORT SAID	14	8	16	5	5	4	4	14.4	17.8	48	03	8	18	3	2	8	6	17.9	+0.3	12.3	19	0	11	0	75	dr.	48	42	134
	EL 'ARISH	01	9	20	3	1	3	5	14.6	17.0	52	00	9	00	0	0	0	—	19.4	+1.0	15.5	17	-1	9	+2	54	0	166	43	135
LOWER EGYPT	DAMANHUR	01	7	20	3	1	4	8	16.0	16.3	67	03	6	20	3	5	8	5	17.5	-1.1	12.0	18	-2	9	+2	79	dr.	43	50	136
	MANSURA	01	7	02	2	1	4	9	15.4	17.2	68	01	6	16	2	1	4	9	17.6	—	11.3	18	-2	8	+1	84	0	32	23	137
	TANTA	02	8	24	1	1	5	8	15.8	16.7	63	02	6	00	0	2	7	7	18.0	-1.1	11.6	18	-2	8	+2	76	0	28	19	138
	ZAGAZIG	21	7	28	3	5	4	8	15.6	18.2	63	02	7	12	3	1	5	8	18.7	-0.3	12.8	20	0	10	+4	75	dr.	32	13	139
MIDDLE EGYPT — CAIRO	ALMAZA	01	7	24	3	1	4	8	17.2	18.0	56	02	7	18	3	2	6	4	19.6	—	13.0	19	—	11	—	66	0	40	—	141
CAIRO	EZBEKIYA	02	8	26	2	1	5	8	16.4	17.8	46	50	6	12	4	2	6	9	19.4	0.0	12.2	20	0	10	+2	71	dr.	37	12	—
CAIRO	GIZA	01	8	26	3	1	3	8	16.3	21.0	43	81	5	14	2	1	5	9	19.1	-0.7	12.1	22	+3	8	+3	71	dr.	34	13	—
	HELWAN	01	7	24	3	6	4	8	16.7	16.4	51	08	6	14	2	2	7	6	20.0	+0.4	11.9	18	0	10	+2	60	dr.	46	12	143
	SUEZ	00	9	20	3	5	0	—	16.4	19.4	37	03	8	16	3	2	8	8	—	—	14.6	21	+1	11	+1	69	dr.	36	10	144
UPPER EGYPT	FAIYUM	01	8	30	3	1	4	8	16.7	18.0	47	01	6	14	2	1	3	6	19.8	+0.5	9.9	21	0	9	+3	69	0	72	4	153
	MINYA	00	9	24	3	1	2	8	16.7	19.8	39	00	7	16	2	1	3	—	21.1	+1.2	12.7	21	+1	9	+3	60	0	1	—	154
	ASYUT	01	7	22	1	1	3	2	17.3	17.6	48	00	6	12	1	1	0	—	21.6	+1.4	9.9	20	0	6	0	78	0	14	4	155
	QENA	00	8	24	2	0	0	—	17.2	19.2	38	09	7	12	1	0	0	—	22.8	+3.7	8.6	21	-2	4	-3	84	0	20	—	156
	LUXOR	00	7	30	3	0	0	—	17.9	20.5	23	00	7	28	2	0	0	—	22.6	—	12.0	22	—	4	—	65	0	tr.	—	157
	ASWAN	00	9	30	3	0	0	—	17.1	21.0	10	00	9	00	0	0	0	—	22.3	+3.3	13.4	22	-1	8	-2	44	0	dr.	—	158
WESTERN DESERT	SIWA	00	8	00	0	0	0	—	19.4	18.0	66	03	7	00	0	2	8	5	15.6	-5.1	15.5	19	-1	12	+8	61	0	2	5	148
	BAHARIYA	00	9	00	0	0	0	—	19.0	18.6	44	00	9	00	0	0	0	—	19.8	-0.4	9.0	19	—	5	—	73	0	7	—	149
	KHARGA	00	9	30	2	0	0	—	18.7	19.8	25	00	8	00	0	0	0	—	22.2	+2.6	7.8	20	-2	8	+2	56	0	4	—	151
	DAKHLA	00	8	28	3	0	0	—	19.1	18.5	59	00	7	12	1	0	0	—	22.2	+1.8	5.5	20	-2	4	-1	86	0	tr.	—	152
RED SEA	TOR	00	7	28	3	0	2	1	16.0	19.3	37	00	7	02	2	0	2	1	20.8	+2.8	13.8	20	-1	9	0	59	0	1	8	145
	HURGHADA											02	7	24	2	2	5	8	19.8?	+1.7	13.5	22	0	9	-1	46	0	8	—	146
	QUSEIR	00	8	32	4	0	0	—	15.9	20.0	38	00	8	24	3	0	0	—	20.0	+2.3	14.8	23	0	12	-2	49	0	20	—	147
	PORT SUDAN																										0	81	87	169
NORTH SUDAN	WADI HALFA	00	8	30	4	0	1	1	18	22	13	00	9	00	0	0	0	—	23		9					40	0	0	—	165
	KAREIMA	00	8	04	3	0	1	2	15	25	09	00	8	02	2	0	0	—	21		13					14	0	0	1	166
	'ATBARA	00	7	02	4	0	0	—	14	26	11	00	8	30	2	0	0	—	20		14					27	0	0	2	167
	KHARTUM																										0	tr.	4	168
	KASSALA	00	8	24	1	0	0	—	9	31	26	00	8	04	2	0	1	1	15		23					53	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	01	8	32	4	0	4	1	11	30	05	01	9	32	5	1	3	1	18		17					14	0	8	12	171
	DUEIM																										0	4	13	173
	RENK	00	9	30	3	0	0	—	8	29	17	00	9	28	3	0	0	—	—		22		—		—	23	—	—	49	182
	ROSEIRES	00	7	30	2	0	0	—	9	32	36	00	7	04	2	0	0	—	17		18					43	0	1	36	172
	EL OBEID	01	9	04	4	0	3	1	12	26	11	02	9	32	3	0	6	2	19		15					32	0	6	16	174
	EL FASHER	00	9	04	3	0	0	—	—	26	16	01	9	02	1	1	4	1	—		—					—	0	5	6	175
	GENEINA	00	8	32	3	0	0	—	—	31	16	01	8	02	3	1	4	2	—		14					32	—	—	4	179
	KADUGLI	02	8	02	3	1	6	2	10	31	09	02	7	02	4	0	5	2	17		19					19	—	—	89	187
S. SUDAN	MALAKAL	01	7	32	4	1	5	2	9	31	11	01	7	32	5	1	4	1	15		19					19	0	48	88	176
	WAU	02	8	32	1	1	8	2	10	31	11	02	8	00	0	1	5	2	16		16					30	0	178	144	177
	JUBA	05	7	02	2	1	4	1	10	32	16	05	7	16	1	2	7	2	16		19					49	0	149	145	178

UPPER WINDS ON 17th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 9h	MINYA	ASYUT 7h	ASWAN 7h	WADI HALFA 7h	KAREIMA 8h	~~Gebeit~~ 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA 7h
				02 17 30		02 14 10	05 01 10	10 01 30	10 03 45	10 05 45	10 03 35	10 04 60	10 02 95	10 02 30
				05 18 55		05 21 10	10 32 25	15 01 35	15 36 35	15 06 60	15 06 25	15 05 60	15 05 45	15 03 20
				08 30 35		10 26 30	15 36 20	20 36 50	20 02 30	20 06 45	20 08 15	20 03 30		20 05 20
				Ent. St.		15 31 35	20 33 20	30 36 40	30 35 20	30 04 30	30 12 05			
						20 31 40		40 35 45						
						25 30 —								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من الظهر يوم

STATION	Humidity % on 16th	Diff. from normal	Wet bulb temp on 16th	Diff. from normal
Alexandria	56	-10	11.9	+0.3
Erbekiya	65	-13	9.8	-0.4
Giza	73	0	10.6	+0.8
Helwan	54	-4	8.7	-0.5

Giza Grass minimum on 17th 5.3 °C

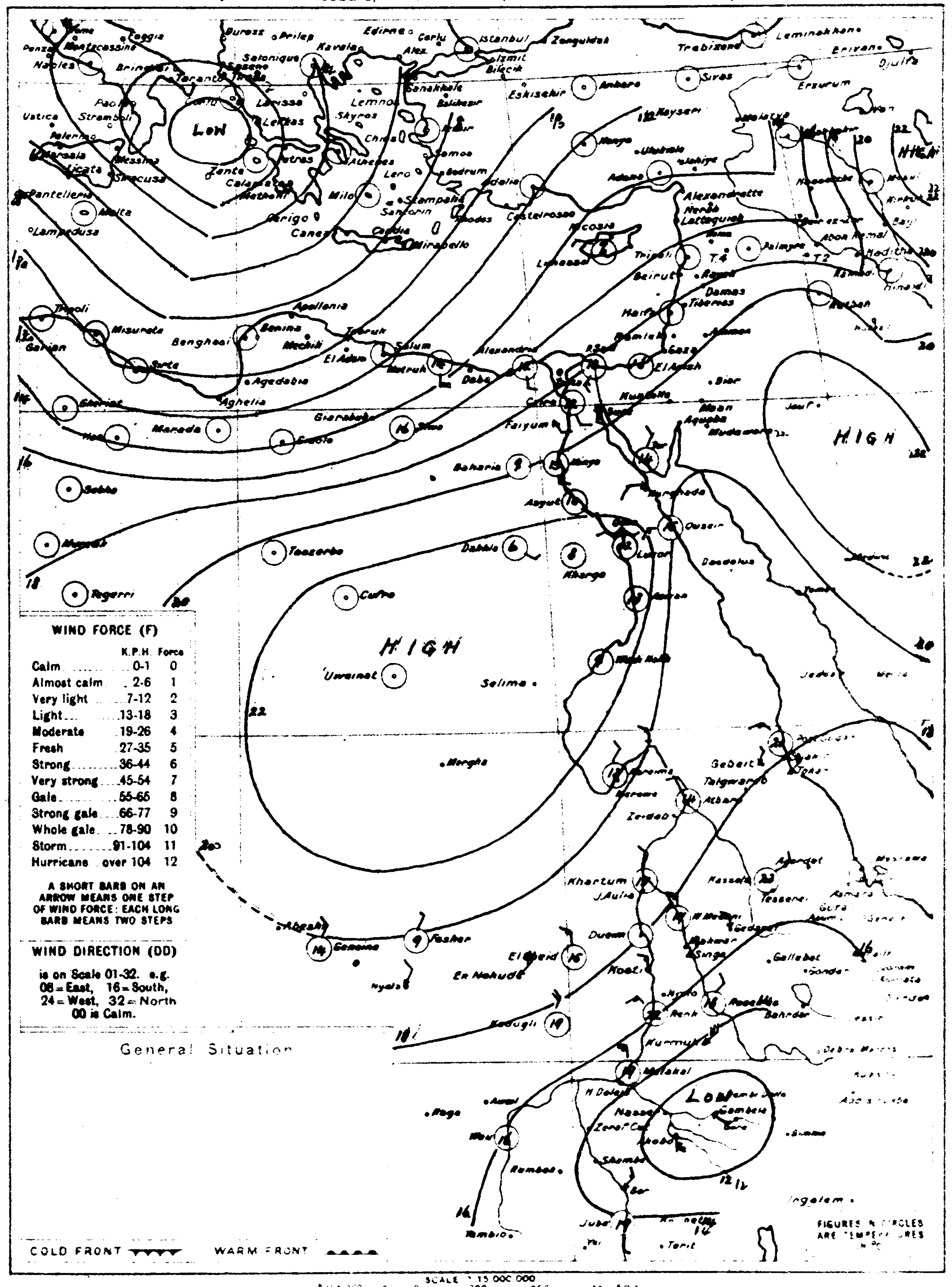
Discharges at Aswan measured by sluices m³ per sec.

DATE	~~1945~~ 1946	~~1944~~ 1945
17.1	892	1177
16.1	892	1094

GAUGE	Date 1940	Reading m.	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Juba	17-1-46	—	—	12.69	-0.70
Nasser					
Malaka		—	—	10.67	-0.87
Roseires		12.14	+0.04	12.16	+0.34
Sennar Res		—	—	20.70	—
J. Aulia U.S		—	—	377.12	—
J. Aulia D.S		—	—	371.41	—
Khartum		—	—	10.40	-0.60
Kh. el Girba					
'Atbara		—	—	10.40	-3.26
Kajnarti		—	—	132.61	-1.34
Aswan Res		121.07	—	121.07	—
Aswan D.S.		85.16	+0.3	85.14	-1.65
Roda (Cairo)		14.81	+0.06	14.81	+0.05

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-١-١٧ Isobars, Wind and Temperature at 8 h. 17-1-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15 000 000

At 8 h. on 17th الساعة ٨ يوم ١٧

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs	Diff from normal	Dry Bulb °C	Max. Yesterday	Diff.	Min. Today	Diff.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Naghamadi	00	8	00	0	0	0	—	22.3	—	12.2	20	—	5	—	60	0	16	—
Limassol	03	8	26	1	2	8	—	14.8	-2.8	.9	—	—	—	—	—	tr.	414	250

SHIPS

Remarks

WATER TEMP. RIVER NILE CAIRO 14.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or thick Haze	40-49
Mist. Fog in past hour	41
Thick [illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
[illegible] Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 k.m.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 51 m
Sunset 17 h 20 m

Month JANUARY 1945 ١٩٤٥ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h on 17th (١٧ الساعة ١٤ يوم) — At 8 h on THURSDAY 18th (١٨ الساعة ٨ يوم الخميس)

STATION	14h: Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press M.S.L. 1000+ mbs PPP	Temp. °C TTT	Humidity % UU	8h: Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff. from norm °C	Humidity % UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	03	8	22	2	2	8	6	9.4	20.8	58	01	9	24	1	1	4	4	12.7	-5.7	14.2	22	+4	11	+2	98	tr.	59	98	131
DIKHEILA																													150
ALEXANDRIA	03	8	12	3	5	8	9	13.4	16.9	56	03	7	26	2	2	8	5	13.2	-5.5	17.2	19	+1	12	+2	78	tr.	157	125	132
DAMIETTA	21	6	14	2	5	8	7	16.2	12.7	92	02	6	20	1	2	7	6	12.4	—	13.9	15		12		77	2	65	57	159
PORT SAID	50	8	20	2	5	8	9	16.2	13.8	76	03	8	20	3	5	8	9	12.2	-5.3	15.2	19	0	12	+1	63	4	52	43	134
EL ARISH											03	8	00	0	2	8	9	12.4	-5.9	17.5	19	±1	10	+3	56	0	166	44	135
LOWER EGYPT																													
DAMANHUR	50	6	20	3	5	8	7	14.4	17.0	54	03	6	20	3	2	8	5	13.4	-5.1	14.0	18	-2	11	+4	87	1	44	51	136
MANSURA	50	5	18	2	5	8	9	15.4	14.8	83	03	5	20	2	2	8	9	13.0	—	14.0	17	-3	13	+6	76	1	33	24	137
TANTA	03	6	16	3	2	8	7	—	17.5	57	03	6	24	1	2	8	7	14.0	-5.1	13.5	18	-2	12	+6	72	1	29	19	138
ZAGAZIG	21	5	14	3	5	8	7	15.2	18.2	67	03	5	20	3	1	8	7	13.5	-5.5	15.4	19	-1	12	+6	63	tr.	32	13	139
MIDDLE EGYPT																													
CAIRO ALMAZA	02	7	18	5	2	5	4,5	16.4	19.6	56	05	6	18	4	5	8	4,5	14.0	—	17.8	21		17		46	tr.	40		141
CAIRO EZBEKIYA	02	7	16	4	1	5	6	15.9	20.3	37	03	6	14	2	2	8	6	15.0	-4.3	16.6	21	+1	16	+8	46	tr.	37	12	
CAIRO GIZA	02	7	14	5	2	5	6	15.8	20.2	36	03	5	14	2	2	8	6	15.2	-4.5	15.8	21	+2	15	+10	56	tr.	34	13	
HELWAN	02	7	16	5	2	6	4	15.8	18.8	34	03	7	14	2	5	8	4	15.0	-4.5	15.9	19	+1	15	+7	47	tr.	46	13	143
SUEZ	03	8	16	3	2	8	5	16.8	18.8	52	03	8	16	3	2	8	8	14.2	-4.3	18.3	21	+1	14	+4	84	tr.	36	10	144
UPPER EGYPT																													
FAIYUM	01	6	16	3	1	4	6	16.4	21.2	36	50	7	22	2	3	8	7	14.8	-4.5	15.0	22	+1	14	+8	47	tr.	72	4	153
MINYA	01	9	16	3	1	3	2	16.6	20.8	38	02	7	14	3	2	5	4	15.5	-4.4	16.5	22	+2	10	+4	56	0	1		154
ASYUT	01	7	22	2	1	4	5	18.0	20.7	46	01	6	18	1	1	3	5	17.6	-2.7	14.0	22	+2	10	+4	56	0	14	4	155
QENA	00	8	24	1	0	0	—	18.8	19.3	43	00	8	12	2	0	0	—	18.4	-0.6	12.0	21	-2	8	+1	54	0	20		156
LUXOR	00	7	26	2	0	0	—	19.5	22.0	36	00	7	04	1	0	0	—	20.6	—	10.7	24		6		70	0	tr.		157
ASWAN	00	9	00	0	0	0	—	19.6	20.6	16	00	9	00	0	0	0	—	21.8	+2.6	17.3	23	0	11	+1	44	0	tr.	—	158
WESTERN DESERT																													
SIWA	00	8	22	6	0	0	—	13.1	29.5	61	03	7	00	0	2	8	5	14.7	-5.9	14.8	30	+10	14	+10	60	0	2	5	148
BAHARIYA	00	9	32	1	0	0	—	15.6	19.5	43	03	9	00	0	2	8	—	14.7	-5.5	17.5	23		9		40	0	7		149
KHARGA	00	9	16	2	0	0	—	18.8	21.0	20	00	9	00	0	0	0	—	19.5	0.0	12.8	23	+1	8	+2	36	0	4	—	151
DAKHLA	00	8	08	2	0	0	—	16.7	24.4	24	00	7	04	1	0	0	—	19.2	-7.2	11.0	26	+4	5	0	56	0	tr.		152
RED SEA																													
TOR	00	7	20	2	0	1	1	18.4	20.7	44	02	6	10	4	0	6	5	17.2	-0.8	20.4	22	+1	13	+4	43	0	1	8	145
HURGHADA	02	7	10	1	2	5	1	19.8?	17.2	44	02	7	20	1	2	5	8	18.3	+0.2	17.5	21	-1	12	+2	48	0	8	—	146
QUSEIR	00	8	08	3	0	0	—	17.8	20.2	41	00	8	24	2	0	0	—	16.6	-1.1	17.6	23	0	14	0	41	0	20	—	147
PORT SUDAN																										0	81	88	169
NORTH SUDAN																													
WADI HALFA	00	9	28	3	0	0	—	19	22	13	00	8	00	0	0	0	—	21		13					38	0	0		165
KAREIMA	00	8	06	2	0	0	—	17	26	06	00	8	06	2	0	1	1	19		15					28	0	0	1	166
ATBARA	00	7	06	4	0	0	—	15	27	13	00	8	02	3	0	0	—	18		10					36	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	01	8	02	2	1	5	2	10	32	22	01	8	30	2	1	4	2	14		22					53	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	02	8	02	3	1	7	1	12	30	13	02	8	02	4	1	7	2	14?		17					66	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	3	0	0	—	10	31	16																—	—	49	182
ROSEIRES	00	7	06	2	0	0	—	10	32	36	00	7	30	2	0	0	—	14		20					53	0	1	36	172
EL OBEID	02	9	02	4	1	7	2	13	27	08	01	9	04	3	1	5	1	15		17					14	0	8	16	174
EL FASHER	02	9	04	5	1	5	2	—	28	19	02	9	00	0	1	5	4,2	—		11					44	0	5	6	175
GENEINA	01	8	04	5	1	5	2	—	29	06	02	8	32	2	1	8	2	—		14					25	—	—	4	179
KADUGLI	02	8	04	4	2	6	1	11	31	08	01	8	04	3	0	4	1	15		21					11	—	—	89	187
S. SUDAN																													
MALAKAL	01	8	32	5	1	6	2	9	31	15	01	8	02	5	1	4	2	13		21					23	0	48	88	176
WAU	02	8	02	1	1	6	2	11	31	11	02	8	00	0	1	8	2	15		17					72	0	178	144	177
JUBA	02	8	32	3	2	7	2	10	32	17	02	8	00	0	2	7	2	15		22					53	0	149	145	178

UPPER WINDS ON 18th (الرياح العليا يوم ١٨)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 9h	MINYA	ASYUT 7h	ASWAN 7h	WADI HALFA 7h	KAREIMA 8h	KHARTUM 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA 7h
				02 20 30		02 19 20	03 17 10	10 10 10	10 06 40	10 03 20	10 08 30	10 03 30	10 04 75	10 01 30
				05 21 25		05 23 35	10 28 15	15	15 05 40	15 06 55	15 05 20	15 06 50	15 05 60	15 01 35
				08 28 10		10 25 50	15 25 10	20 05 25	20 05 40	20 06 30	20 36 16	20 06 40	20 06 40	20 02 35
				Ent. St.		15 25 50	20 29 05	30 01 45	30 03 35	30 06 55	30 33 10			
						20 25 65		40 31 35	40 35 10		40 30 10			
						25 25 60		45 33 25	45 01 25		45 28 20			
								50 31 45						
								60 31 65						
								70 31 85						

Forecast for 24 hours from noon on

تغيرات طقس المنطقة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity on 17th	Diff. from normal	Wet bulb temp. on 17th	Diff. from normal
Alexandria	64	-2	12.0	+0.6
Ezbekiya	45	-23	11.0	+0.8
Giza	49	-24	11.4	+1.6
Helwan	40	-18	10.0	+0.8

Giza Grass minimum on 18th 10.6 °C

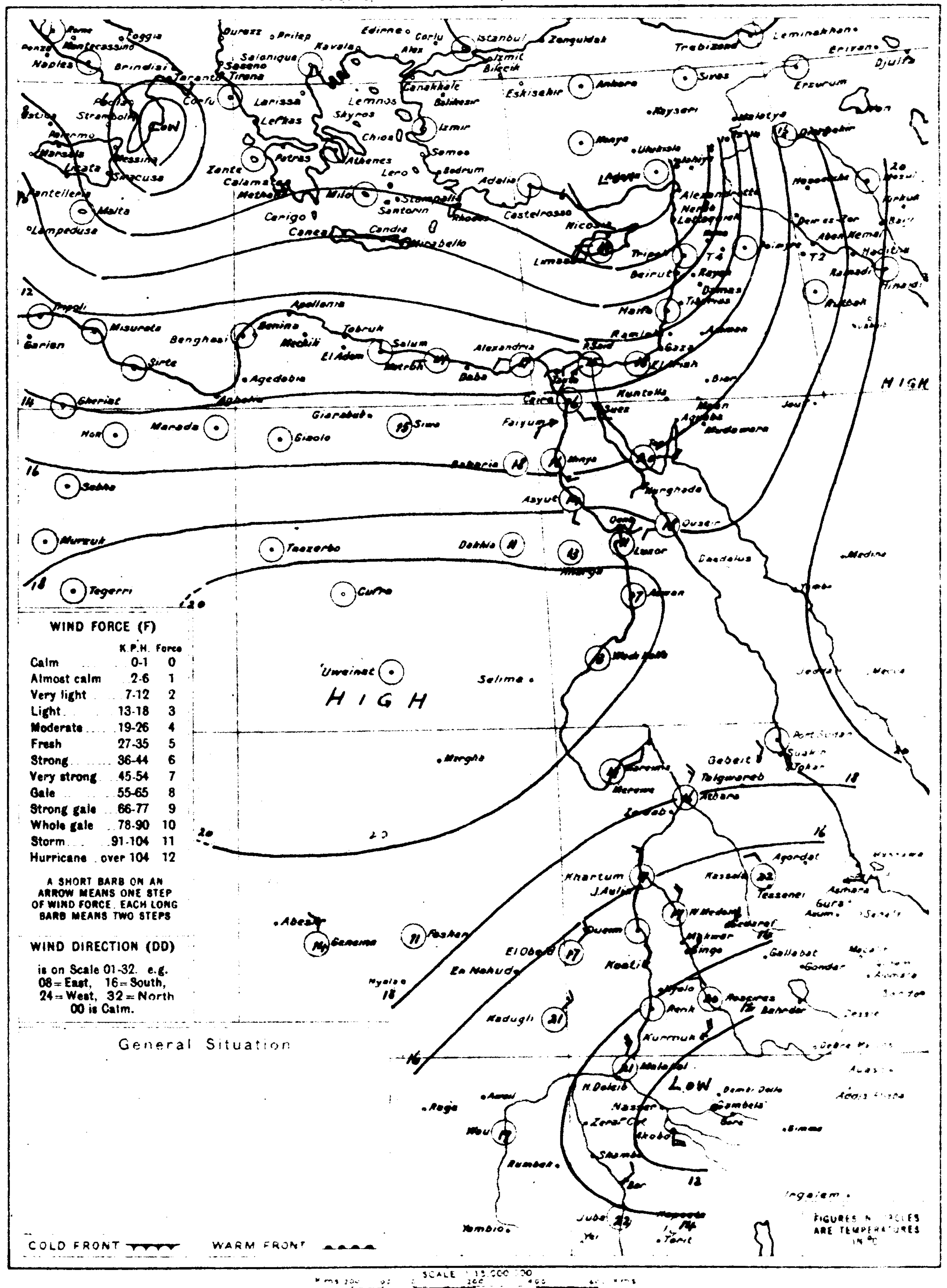
Discharges at Aswan measured by sluices in ... (per sec.)

DATE	1945	1944
18-1	892	1177
17-1	892	1177

GAUGE	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	18-1-1945	12.67	-0.72	12.69	-0.70
Nasser		—	—	5.85	-0.89
Malakal		10.60	-0.87	10.63	-0.81
Roseires		12.12	+0.03	12.14	+0.04
Sennar Res		—	—	20.69	—
J. Aulia U.S		—	—	377.20	—
J. Aulia D.S		—	—	371.40	-0.80
Khartum		10.34	-0.61	10.39	-0.58
Kh. el Girba					
Atbara		10.36	-0.27	10.38	-0.27
Kajnarti					
Aswan Res		121.06	—	121.07	—
Aswan D.S		85.16	-1.03	85.16	-1.03
Roda (Cairo)		14.61	+0.08	14.61	+[illegible]

Printed by the Survey & Mines Dept. 1938 38 554 1939 (39 ...)

١٩٤٥-١-١٨ Isobars, Wind and Temperature at 8 h. 18-1-45



At 8 h. on 18th (الساعة ٨ يوم ١٨)

STATION (محطة)	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm °C	Min. Today °C mm	Diff. from norm °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Nachamadi	00	8	00	0	0	0	—	18.8	—	15.2	23	—	8	—	52	0	16	—
Limassol	01	6	24	4	6	3	—	6.4	-11.2	14	—	—	—	—	—	24	438	253

SHIPS سفن

Remarks

WATER TEMP.
RIVER NILE CAIRO
14.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in night	10
Thunder no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in last hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	[illegible]
of Hail	[illegible]
Thunderstorm	90-99
,, [illegible] Rain	91
,, with Hail	[illegible]
,, with Duststorm	98
,, heavy with Hail	99

PAST WEATHER (W)

Clear [illegible]	0
Variable sky	1
Mainly overcast	2
Sandstorm Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow [illegible]	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible [illegible]	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO

Time of Sunrise h 06 m 56

Sunset 17 21

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month JANUARY, 1945 — ١٩٤٥ شهر يناير

At 14 h on 18th — الساعة ١٤ يوم ١٨ — At 8 h on FRIDAY 19th — الساعة ٨ يوم الجمعة ١٩

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press M.S.L. 1000+ mbs (PPP)	Temp. (TTT)	Humidity % (UU)	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs (PPP)	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Diff. from norm °C	Minimum Today °C (mm)	Diff. from norm °C	Humidity % (UU)	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																												
SALUM																												130
MATRUH	03	8	28	3	1	8	6	11.1	17.8	80	63	5	16	1	6	8	0	10.0	-8.4	13.3	20	+2	12	+3	99	11	70 60	100	131
DIKHEILA																												150
ALEXANDRIA	03	8	20	3	2	8	4	11.6	17.8	68	03	8	00	0	6	8	5	11.2	-7.5	13.2	19	+1	13	+3	91	11	168	127	132
DAMIETTA	02	7	20	2	6	4	5	11.1	19.9	62	61	6	00	0	6	8	7	11.0	—	13.6	21	—	12	—	78	11	76	58	159
PORT SAID	02	8	20	2	2	7	1	11.2	19.4	68	60	8	12	2	6	7	9	11.1	-6.4	14.0	20	+1	13	+2	93	9	61	44	134
EL 'ARISH	01	8	30	—	1	4	8	11.0	19.4	53	01	8	00	0	6	4	8	11.6	-6.6	13.2	20	+2	9	+2	89	17	183	45	135
LOWER EGYPT																												
DAMANHUR	02	6	24	4	2	5	5	11.6	22.2	54	00	6	16	2	1	3	8	10.2	-8.3	9.3	23	+3	8	+1	87	9	53	52	136
MANSURA	02	7	18	2	2	5	8	11.9	21.2	67	60	7	12	1	6	4	9	11.2	—	12.6	22	+2	11	+4	93	10	43	24	137
TANTA	02	7	24	2	2	7	7	11.8	23.0	52	00	8	00	0	0	—	—	10.7	-8.3	12.2	23	+3	11	+5	78	7	36	19	138
ZAGAZIG	02	7	20	2	1	5	8	12.4	21.9	65	01	5	12	2	1	4	7	—	—	13.2	23	+3	12	+6	100	3	35	13	139
MIDDLE EGYPT																												
CAIRO: ALMAZA	01	7	20	4	1	4	4	13.8	22.6	47	02	7	10	3	1	5	6,8	11.0	—	15.0	23	—	14	—	85	0	40	—	141
'EZBEKIYA	05	7	16	2	1	4	4	12.8	22.0	38	05	6	06	3	1	6	4	9.9	-9.4	15.2	23	+3	14	+6	74	dr.	37	12	—
GIZA	01	8	16	2	1	3	4	12.4	23.9	24	02	6	04	1	1	5	4	9.5	-10.2	16.1	24	+5	15	+10	74	dr.	34	13	—
HELWAN	02	7	16	5	5	5	4	12.8	20.3	35	02	6	10	2	2	6	4	9.6	-9.9	17.4	21	+3	13	+5	39	dr.	46	13	143
SUEZ	03	9	20	3	2	8	5	14.2	22.0	46	03	8	00	0	2	8	5	10.7	-7.8	15.3	24	+4	14	+4	80	0	36	10	144
UPPER EGYPT																												
FAIYUM	02	8	16	3	2	7	4	14.0	23.0	34	02	6	00	0	2	7	4	9.9	-9.3	13.1	24	+3	11	+5	81	dr.	72	4	153
MINYA	02	8	16	1	2	5	3	13.8	25.2	28	02	6	12	2	2	6	6	10.6	-9.3	18.0	26	+6	16	+10	37	0	1	—	154
ASYUT	00	7	22	1	1	0	—	13.9	28.5	31	01	8	12	1	1	4	5	12.8	-7.4	21.1	30	+10	17	+11	34	0	14	4	155
QENA	00	9	10	2	0	0	—	17.1	27.0	35	01	8	08	1	1	4	1	15.6	-3.4	17.8	28	+3	9	+2	46	0	20	—	156
LUXOR	00	7	22	2	0	0	—	16.0	26.0	30	00	7	24	2	0	0	—	15.4	—	19.0	27	—	11	—	36	0	tr	—	157
ASWAN	00	9	16	1	0	0	—	16.3	28.0	19	00	9	00	0	0	0	—	15.5	-3.4	19.8	29	+6	15	+5	33	0	dr	—	158
LOWER EGYPT (Western Desert)																												
SIWA	03	8	28	2	2	8	6	14.2	24.0	60	03	7	04	2	2	8	5	9.9	-10.7	13.8	25	+5	12	+8	59	0	2	5	148
BAHARIYA	00	9	00	0	0	0	—	13.9	25.0	40	01	9	00	0	1	4	—	10.0	-10.1	21.0	26	—	12	—	34	0	7	—	149
KHARGA	00	9	16	3	0	0	—	15.2	27.0	14	00	9	00	0	0	0	—	15.2	-4.3	16.0	28	+6	8	+2	35	0	4	—	151
DAKHLA	00	9	04	2	0	0	—	13.6	29.5	—	00	8	12	2	0	0	—	14.2	-6.1	16.4	30	+8	11	+6	56	0	tr.	—	152
RED SEA																												
TOR	01	7	12	3	0	4	5	14.4	28.0	22	02	5	12	3	0	7	5	12.3	-5.6	23.0	28	+7	20	+11	39	0	1	8	145
HURGHADA	00	9	12	1	0	0	—	15.2	25.0	47	02	7	20	1	2	5	8	13.8	-4.2	18.0	26	+4	14	+4	73	0	8	—	146
QUSEIR	00	8	10	4	0	0	—	15.1	24.6	49	00	8	28	2	0	3	4	13.2	-4.4	22.1	25	+2	18	+4	33	0	20	—	147
PORT SUDAN																										0	81	88	169
NORTH SUDAN																												
WADI HALFA	00	9	32	1	0	0	—	16	28	14																0	0	—	165
KAREIMA	00	8	06	4	0	1	1	13	30	13																0	0	1	166
'ATBARA	00	7	04	4	0	3	1	11	31	09																0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	01	8	32	2	1	4	2	7	33	23																0	9	8	170
CENTRAL SUDAN																												
WAD MEDANI	02	8	02	4	1	7	1	8	33	10																0	8	12	171
DUEIM																										0	4	13	173
RENK	00	8	32	4	0	0	—	8	34	12																—	—	49	182
ROSEIRES	00	7	32	2	0	0	—	7	35	32																0	1	36	172
EL OBEID	02	9	06	4	1	7	2	9	29	15																0	6	16	174
EL FASHER	02	9	04	2	1	5	2	—	29	17																0	5	6	175
GENEINA	01	8	06	3	1	4	2	—	31	08																—	—	4	179
KADUGLI	02	8	02	4	1	6	2	9	32	10	01	8	24	2	0	4	1	14		18					30	—	—	89	187
SOUTH SUDAN																												
MALAKAL	01	8	32	5	1	4	1	7	33	19																0	48	88	176
WAU	02	8	00	0	1	5	2	9	31	11																0	178	144	177
JUBA	02	8	02	3	2	7	2	8	34	16																0	149	145	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN h m	MINYA h m	ASYUT h m	ASWAN h m	WADI HALFA h m	KAREIMA h m	KHARTUM h m	KASSALA h m	EL OBEID h m	MALAKAL h m	JUBA h m
								7 h. m.						
								10 01 05						
								15 14 20						
								20 10 15						
								30 33 30						
								40 30 35						
								45 29 50						
								50 28 40						
								60 29 65						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 18th	Diff. from norm	Wet Bulb Temp °C on 18th	Diff. from normal
Alexandria	76	+10	13.9	+2.4
Ezbekiya	45	-23	13.0	+2.8
Giza	47	-26	12.6	+2.9
Helwan	39	-19	11.7	+2.5
Giza Grass minimum on	19th		11.9	°C

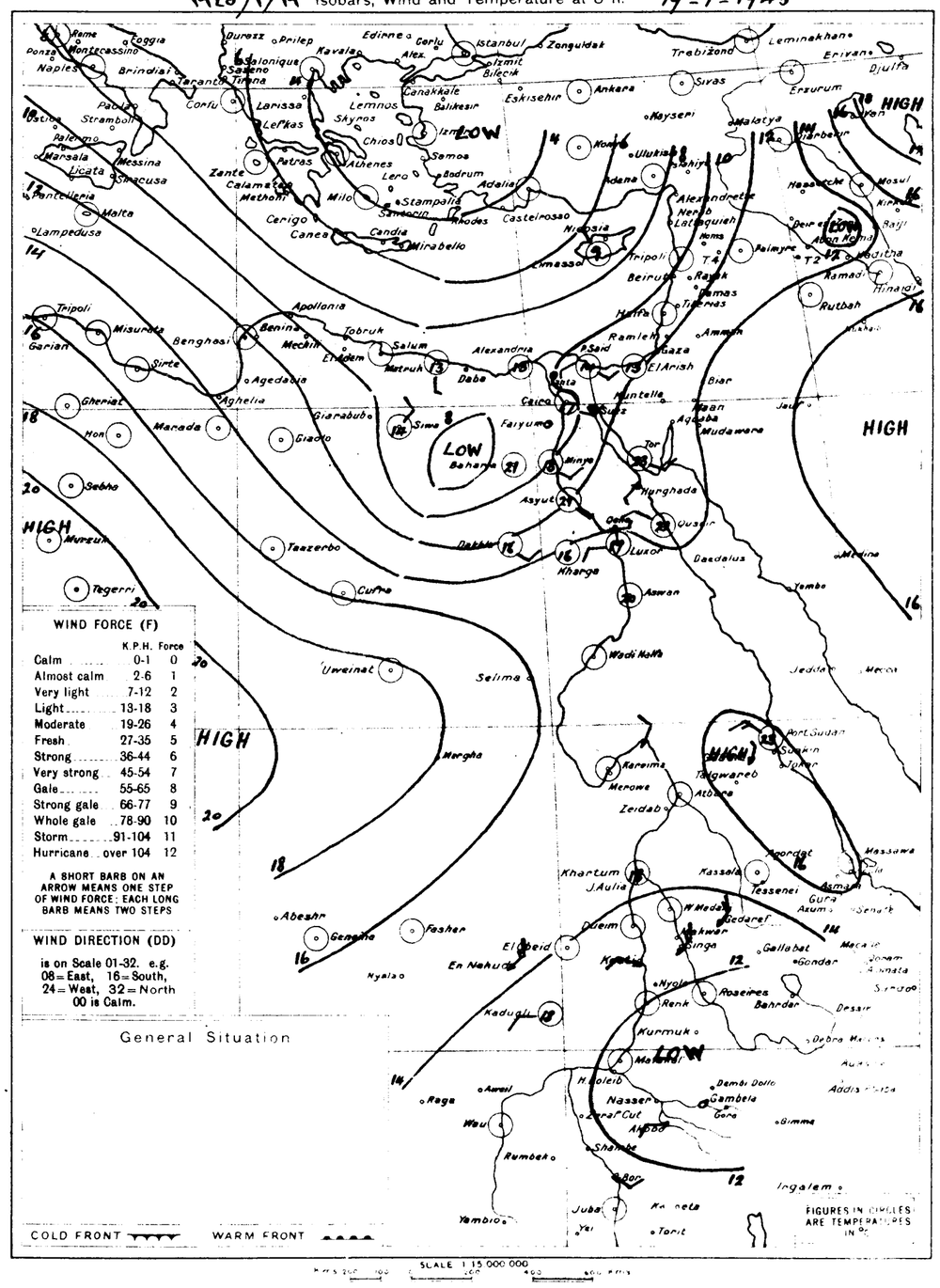
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
19-1	869	1148
18-1	892	1177

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	19-1	12.67	-0.72	12.67	-0.72
Nasser		5.78	-0.42	5.81	-0.46
Malakāl		10.58	-0.56	10.60	-0.57
Roseires		12.11	+0.04	12.12	+0.03
Sennār Res		20.72	—	20.70	—
J. Aulia U.S		—	—	377.15	—
J. Aulia D.S		—	—	371.37	-0.52
Khartūm		10.32	-0.60	10.34	-0.61
Kh. el Girba					
'Atbara		10.26	-0.26	10.36	-0.27
Kajnarti		132.52	-1.28	133.52	-1.23
Aswān Res.		121.06	—	121.06	—
Aswān D.S.		85.12	-1.07	85.16	-1.03
Rōda (Cairo)		14.81	+0.08	14.81	+0.08

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

1945/1/19 Isobars, Wind and Temperature at 8 h. 19-1-1945



STATION مرصد	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Diff. from norm °C	Minimum Today °C (mm)	Diff. from norm °C	Humidity % (UU)	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	01	8	00	0	0	4	4	14.7	—	18.0	29	—	11	—	38	0	16	—
Limassol	01	8	30	1	2	4	—	7.8	-9.7	9	—	—	—	—	—	1	440	257

SHIPS سفن

Regular Water Temp. River Nile Cairo 14.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist, Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Rain	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 h. 51 m
Sunset 17 21

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JANUARY 1945 ١٩٤٥ شهر يناير

At 14 h. on 19th ١٩ يناير الساعة ١٤ — At 8 h. on SATURDAY 20th السبت ٢٠ يناير الساعة ٨

Part 1: 14 h observations on the 19th

Region	Station	ww	V	DD	F	W	N	C	PPP	TTT	UU
MEDITERRANEAN	SALUM										
	MATRUH										
	DIKHEILA										
	ALEXANDRIA	03	8	00	0	2	8	5	8.0	16.2	79
	DAMIETTA	02	7	32	2	6	7	7	7.6	16.5	78
	PORT SAID	02	8	10	2	6	7	9	7.0	16.8	77
	EL ARISH										
LOWER EGYPT	DAMANHUR	02	6	32	2	2	5	6	7.9	17.2	78
	MANSURA	02	7	04	2	2	5	9	7.8	18.8	79
	TANTA	03	8	20	2	2	8	7	6.6	19.0	76
	ZAGAZIG	01	5	32	2	1	4	8	6.4	18.0	80
MIDDLE EGYPT (CAIRO)	ALMAZA	02	7	21	4	2	8	4	6.3	22.0	52
	EZBEKIYA	03	7	18	3	2	8	5	6.4	21.9	46
	GIZA	02	8	20	2	2	6	4	6.6	21.9	41
	HELWAN	03	6	16	4	2	8	4	6.3	20.7	37
	SUEZ	03	8	16	2	2	8	8	6.2	20.9	23
UPPER EGYPT	FAIYUM	03	8	00	0	2	8	5	6.3	21.0	47
	MINYA	02	8	20	2	5	5	5	7.0	28.0	24
	ASYUT	01	6	22	3	1	4	5	8.3	32.0	21
	QENA	00	9	10	2	1	0	—	11.0	27.0	34
	LUXOR	00	7	22	2	0	0	—	12.2	31.8	—
	ASWAN	00	9	00	0	0	0	—	12.0	29.0	19
WESTERN DESERT	SIWA	00	7	32	2	0	0	—	10.0	20.8	48
	BAHARIYA	01	9	08	1	1	4	—	9.4	29.5	30
	KHARGA	00	9	14	2	0	0	—	11.8	28.5	18
	DAKHLA	00	8	20	4	0	0	—	9.5	33.2	29
RED SEA	TOR	02	6	12	3	2	5	5	8.8	29.0	22
	HURGHADA	00	9	12	3	0	0	—	10.4	27.5	47
	QUSEIR	00	8	10	2	0	0	—	11.0	26.6	64
	PORT SUDAN										
NORTH SUDAN	WADI HALFA	00	9	24	1	0	0	—	12	30	16
	KAREIMA	00	8	26	2	0	0	—	10	31	13
	ATBARA	00	8	32	3	0	3	1	9	31	18
	KHARTUM										
	KASSALA	00	8	28	2	0	3	2	5	37	17
CENTRAL SUDAN	WAD MEDANI										
	DUEIM										
	RENK										
	ROSEIRES										
	EL OBEID	00	9	04	3	0	0	—	7	31	18
	EL FASHER	02	8	00	0	1	5	1	—	32	14
	GENEINA										
	KADUGLI										
S. SUDAN	MALAKAL										
	WAU										
	JUBA										

Part 2: 8 h observations on the 20th (present weather, visibility, wind, past weather, cloud and bar pressure)

Station	ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs)	Diff. from normal mbs
SALUM									
MATRUH	00	9	24	4	0	0	—	16.4	1.9
DIKHEILA									
ALEXANDRIA	02	8	24	5	6	5	9	15.0	-3.6
DAMIETTA	02	8	22	3	6	5	7	14.6	—
PORT SAID	14	7	26	5	1	4	6	13.9	-3.6
EL ARISH	01	8	20		1	4	8	14.8	-3.4
DAMANHUR	61	5	20	3	5	6	9	14.8	-3.6
MANSURA	01	7	20	2	1	3	8	—	—
TANTA	00	8	20	3	1	2	4	16.2	-2.7
ZAGAZIG	00	7	24	2	0	0	—	10.0	-2.9
ALMAZA	01	7	24	4	1	4	4,5	17.1	—
EZBEKIYA	05	6	22	3	0	0	—	17.8	-1.5
GIZA	00	7	24	3	0	0	—	17.4	-2.2
HELWAN	00	8	22	4	0	2	4	17.6	-1.9
SUEZ	02	8	20	1	1	6	8	16.3	-2.1
FAIYUM	01	8	30	3	1	3	4	18.0	-1.2
MINYA	02	8	28	2	2	5	8	19.6	-0.3
ASYUT	50	6	28	1	2	5	7	19.4	-0.7
QENA	01	8	26	2	0	3	3	17.0	-1.9
LUXOR	00	7	28	3	0	0	—	17.6	—
ASWAN	00	9	30	3	0	0	—	16.4	-2.5
SIWA	00	7	24	2	0	0	—	20.8	+0.2
BAHARIYA	90	9	32	1	0	0	—	20.3	+0.2
KHARGA	00	9	02	1	0	0	—	18.7	-0.8
DAKHLA	00	7	20	4	0	0	—	20.3	0.0
TOR	00	7	30	4	0	0	—	14.4	-3.5
HURGHADA	02	7	30	5	0	5	8	14.6	-3.4
QUSEIR	00	8	26	3	0	0	—	—	—
PORT SUDAN									
WADI HALFA	00	7	30	3	0	0	—	17	
KAREIMA	00	8	04	1	0	0	—	15	
ATBARA	00	8	32	2	0	0	—	15	
KHARTUM									
KASSALA									
WAD MEDANI	00	8	00	0	0	0	—	15	
DUEIM									
RENK	00	9	28	3	0	0	—	13	
ROSEIRES	00	7	18	2	0	0	—	13	
EL OBEID	00	9	00	0	0	0	—	14	
EL FASHER	00	9	30	1	0	0	—	—	
GENEINA	00	8	04	2	0	0	—	—	
KADUGLI	02	8	28	3	0	5	2	14	
MALAKAL	01	8	04	2	1	4	4	13	
WAU	02	8	00	0	1	6	4,2	13	
JUBA	05	7	00	0	1	2	6,4	14	

Part 3: 8 h observations on the 20th (temperature, humidity, rainfall and station number)

Station	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Diff. from norm. °C	Min. Today °C (mm)	Diff. from norm. °C	% Humidity (UU)	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM										130
MATRUH	11.9	17	-1	9	0	87	dr.	70	101	131
DIKHEILA									—	150
ALEXANDRIA	15.0	17	-1	11	+1	74	2	170	128	132
DAMIETTA	11.8	17		10		90	1	77	59	159
PORT SAID	12.9	18	-1	12	+1	81	1	62	44	134
EL ARISH	13.3	19	+1	10	+3	75	0	183	48	135
DAMANHUR	11.3	18	-2	9	+2	94	dr.	53	53	136
MANSURA	11.0	20	0	9	+2	90	0	43	25	137
TANTA	11.0	20	0	9	+3	81	1	37	20	138
ZAGAZIG	13.5	18	-2	13	+7	77	1	36	13	139
ALMAZA	13.0	23		12	—	85	0	40	—	141
EZBEKIYA	14.0	22	+2	12	+4	69	0	37	12	—
GIZA	13.8	23	+4	9	+4	78	0	34	13	—
HELWAN	12.1	21	+3	10	+2	76	0	46	13	143
SUEZ	15.2	22	+2	13	+3	63	0	36	10	144
FAIYUM	11.9	22	+1	10	+4	75	0	72	4	153
MINYA	13.3	32	+12	12	+6	80	dr.	1	—	154
ASYUT	13.6	33	+13	12	+6	95	dr.	14	4	155
QENA	16.4	29	+6	13	+6	66	0	20	—	156
LUXOR	20.0	32	—	11	—	32	0	tr.	—	157
ASWAN	20.0	32	+9	17	+7	29	0	dr.	—	158
SIWA	10.5	21	+1	8	+4	74	0	2	6	148
BAHARIYA	12.5	29		9		71	0	7	—	149
KHARGA	16.5	30	+8	15	+9	65	0	4	—	151
DAKHLA	14.0	34	+12	17	+12	69	0	tr.	—	152
TOR	19.0	30	+9	18	+9	40	0	1	8	145
HURGHADA	18.5	31	+9	15	+5	67	0	8	—	146
QUSEIR	23.6	32	+9	21	+7	29	0	20	—	147
PORT SUDAN							0	81	88	169
WADI HALFA	18					30	0	0	—	165
KAREIMA	17					46	0	0	1	166
ATBARA	19					56	0	0	2	167
KHARTUM							0	tr	4	168
KASSALA									8	170
WAD MEDANI	19					40	0	8	12	171
DUEIM							0	4	13	173
RENK	21					23	—	—	49	182
ROSEIRES	23					47	0	1	36	172
EL OBEID	19					30	0	8	16	174
EL FASHER	12					44	0	5	6	175
GENEINA	15					32	—	—	4	179
KADUGLI	20					26	—	—	89	187
MALAKAL	22					38	0	48	88	176
WAU	19					60	0	178	144	177
JUBA	24					41	0	149	145	178

UPPER WINDS ON 20th الرياح العليا يوم ٢٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 9 h.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 8 h.	KHARTUM 7 h.	GENEINA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA 7 h.
				02 27 30		02 32 25	02 33 20	10 35 60	10 01 30	10 05 30		10 03 45	10 02 35	10 08 16
				05 29 45		05 33 25	05 34 40	15 33 70	15 36 25	15 05 35	15 08 35	15 03 35	15 — —	15 05 15
				08 28 38		10 32 40	10 33 55	20 31 —	20 35 30	20 03 02	20 36 15	20 34 15	20 03 18	20 05 15
				10 28 40		15 31 55	15 25 38		30 32 05	30 21 25	30 26 05	30 12 05		30 11 30
				15 28 40					40 25 35	40 32 10	40 12 05	40 05 05		40 14 40
				20 29 65					45 26 25		50 02 18			
				23 29 80					50 24 35					
				25 29 80					55 23 45					
				29 30 88										

Forecast for 24 hours from noon on

تغيرات طقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 19th	Diff. from normal	Wet bulb temp °C on 19th	Diff. from normal
Alexandria	77	+13	13.3	+1.9
Ezbekiya	71	+4	14.1	+2.9
Giza	72	-1	14.1	+4.4
Helwan	59	+1	12.6	+3.4

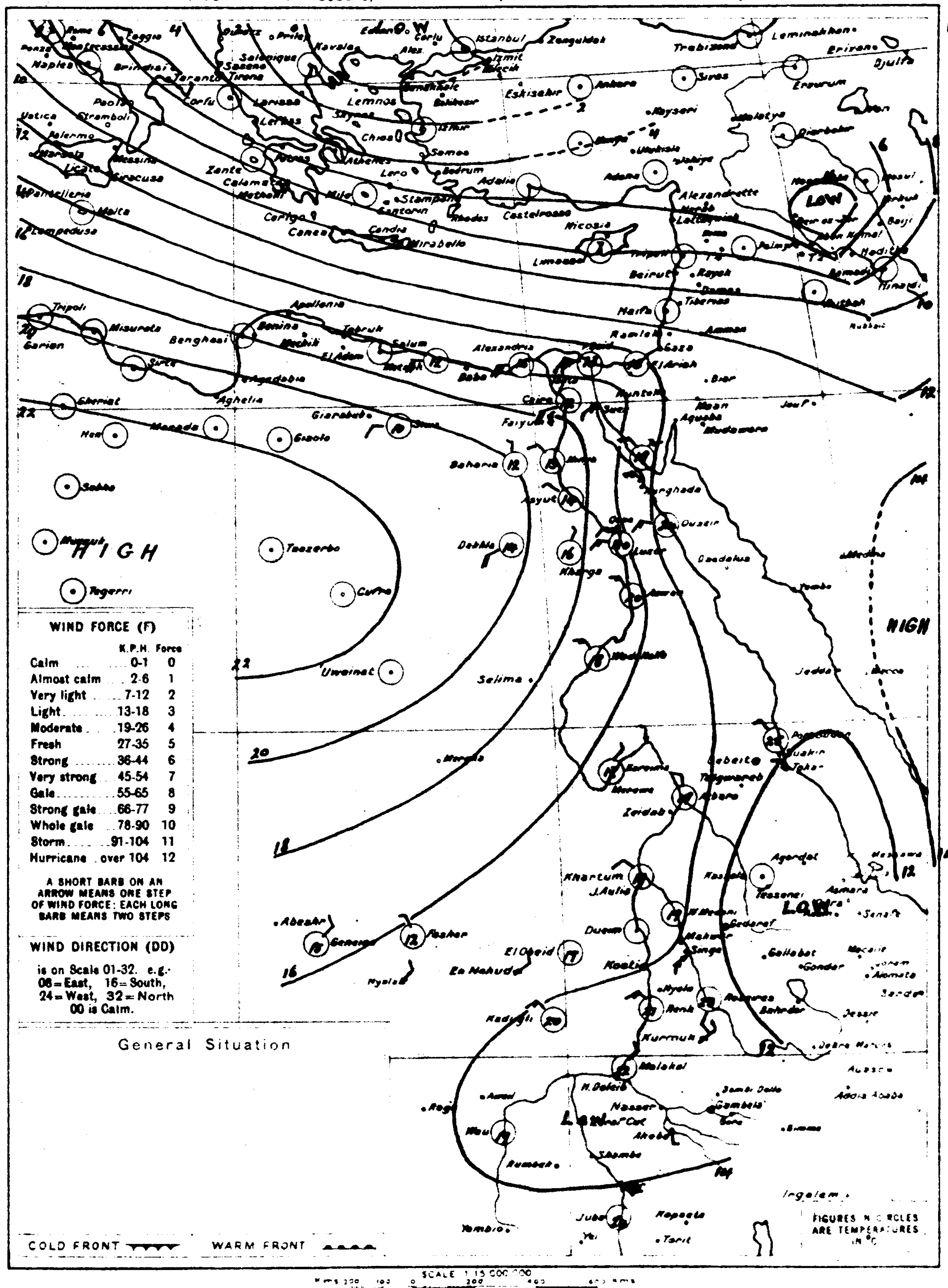
Giza Grass minimum on 20th 6.2 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
20-1	809	1037
19-1	869	1148

Gauge	Date 1940 (20-1-1945)	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				12.67	-0.72
Nasser				5.78	-0.42
Malakal		10.55	-0.37	10.56	-0.56
Roseires		12.08	+0.04	12.11	+0.04
Sennar Res.				20.72	
J. Aulia U.S					
J. Aulia D.S					
Khartum				10.22	-0.60
Kh. el Girba					
Atbara		10.36	-0.23	10.36	-0.26
Kajnarti				13.62	-1.28
Aswan Res.		121.05		121.06	
Aswan D.S.		85.11	-1.08	85.12	-1.07
Roda (Cairo)		14.81	+0.08	14.81	+0.08

١٩٤٥-١-٢٠ Isobars, Wind and Temperature at 8 h. 20-1-1945



At 8 h. on 20th الساعة ٨ يوم ٢٠

STATION محطة	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	UU	Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	7	00	0	6	4	—	7.2	-10.3	7	—	—	—	—	—	9	448	260
Naghamadi	01	8	00	0	0	4	4	17.6	—	16.4	33	—	13	—	71	0	16	—

SHIPS سفن

Remarks

WATER TEMP.
RIVER NILE CAIRO 14.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 6h 54m
Sunset 17 22

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1945 ١٩٤٥ شهر يناير

STATION	At 14 h on 20th ٢٠ الساعة ١٤ يوم — Present Weather ww	Visibility	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. TTT	% Humidity UU	At 8 h. on SUNDAY 21st الساعة ٨ يوم الأحد ٢١ — Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	01	9	24	4	0	3	8	15.6	17.0	70	02	8	24	3	2	5	9	20.6	+2.4	12.0	17	-1	8	-1	91	0	70	103	131
DIKHEILA																													150
ALEXANDRIA	02	8	24	5	5	6	8	16.0	16.4	66	00	8	20	4	0	0	—	19.8	+1.2	14.0	17	-1	13	+3	76	2	174	130	132
DAMIETTA	01	8	24	3	1	4	8	16.5	17.9	64	01	7	20	3	1	5	6	20.2	—	10.2	18	—	8	—	82	dr.	77	60	159
PORT SAID	00	8	22	4	0	3	6	15.0	16.4	60	00	7	18	5	0	3	6	20.2	+2.7	12.4	18	-1	11	0	71	dr.	62	45	134
EL ARISH											00	9	20		0	0	—	—	—	13.4	20	+2	10	+3	63	0	133	46	135
LOWER EGYPT																													
DAMANHUR	01	7	24	4	6	4	8	15.9	17.8	70	00	6	20	4	0	0	—	19.0	+0.6	9.2	19	-1	7	0	81	5	58	54	136
MANSURA	30	7	20	2	5	4	9	15.8	18.8	66	01	7	20	2	1	3	9	20.4	—	8.8	19	-1	6	-1	83	dr.	48	25	137
TANTA	01	8	20	5	1	4	8	16.3	18.0	65	00	8	22	3	0	0	—	21.5	+2.6	9.0	18	-2	6	0	76	0	37	20	138
ZAGAZIG	00	7	20	2	0	0	—	16.7	18.4	64	00	7	20	2	0	0	—	21.6	+2.8	10.5	20	0	10	+4	81	0	36	14	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	7	26	4	0	4	8	17.9	18.0	53	00	7	18	3	0	0	—	22.0	—	12.0	19	—	13	—	51	0	40	—	141
CAIRO EZBEKIYA	01	8	24	3	0	3	8	17.5	18.9	39	05	5	18	3	1	3	4	22.3	+3.1	10.6	20	0	9	+1	68	0	37	13	—
CAIRO GIZA	01	8	24	2	1	3	8	17.2	21.7	32	05	6	14	2	1	3	4	22.6	+2.8	11.0	22	+3	8	+3	71	0	34	14	—
HELWAN	00	9	24	5	0	3	8	17.5	17.4	38	00	6	12	2	0	3	4	22.7	+3.3	9.8	18	-1	8	0	64	0	46	13	143
SUEZ	00	9	24	3	0	0	—	16.6	20.2	34	00	8	24	2	0	0	—	21.4	+3.0	13.3	22	+2	8	-2	—	0	36	10	144
UPPER EGYPT																													
FAIYUM	00	8	32	3	1	2	8	18.2	19.0	36	01	8	22	3	1	4	6	22.8	+3.6	8.8	20	-1	7	+1	67	0	72	4	153
MINYA	00	8	32	2	0	0	—	19.9	—	—	00	8	28	2	0	0	—	23.1	+3.3	8.8	22	+2	8	+2	66	0	1	—	154
ASYUT	00	8	28	2	1	0	—	19.1	18.6	49	00	6	22	1	0	0	—	23.8	+3.7	11.6	20	0	7	+1	67	0	14	4	155
QENA	00	9	26	3	1	0	—	17.0	21.0	37	00	8	24	1	0	0	—	23.1	+4.2	10.6	22	-1	6	-1	—	0	20	—	156
LUXOR	01	7	30	4	1	4	8	17.8	22.0	—	00	7	08	2	0	0	—	22.7	—	12.3	23	—	4	—	73	0	Tr.	—	157
ASWAN	00	9	30	5	0	0	—	16.3	22.7	33	00	9	32	3	0	0	—	21.5	+2.6	13.0	24	+1	10	0	45	0	dr.	—	158
WESTERN DESERT																													
SIWA	00	8	24	3	0	0	—	20.3	18.8	56	00	7	00	0	0	0	—	24.4	+3.8	6.7	19	-1	4	0	61	0	2	6	148
BAHARIYA	00	9	00	0	0	0	—	19.6	21.0	34	00	9	00	0	0	0	—	24.0	+4.0	10.2	24	—	6	—	66	0	7	—	149
KHARGA	00	9	30	5	0	0	—	18.4	19.0	40	00	9	32	1	0	0	—	23.8	+4.3	10.2	20	-2	5	-1	65	0	4	—	151
DAKHLA	00	8	28	6	0	0	—	19.9	18.7	59	00	7	28	1	0	0	—	25.0	+4.8	10.3	20	-2	4	-1	—	0	Tr.	—	152
RED SEA																													
TOR	00	7	28	4	0	0	—	16.7	20.8	38	00	7	28	3	0	0	—	21.0	+3.1	16.3	22	+1	10	+1	55	0	1	9	145
HURGHADA	00	9	30	5	0	0	—	16.0	21.5	46	00	9	28	3	0	0	—	21.4	+3.4	15.0	23	+1	10	0	—	0	8	—	146
QUSEIR	00	8	32	5	0	0	—	14.6	22.4	65	00	8	28	3	0	0	—	19.9	+2.4	15.4	26	+3	14	0	45	0	20	—	147
PORT SUDAN																										0	81	88	169
NORTH SUDAN																													
WADI HALFA	05	5	30	5	0	0	—	16	25	24	00	9	30	4	0	0	—	21		12					55	0	0	—	165
KAREIMA	00	8	32	4	0	0	—	11	33	10	00	7	02	2	0	0	—	18		14					39	0	0	1	166
ATBARA	00	8	28	4	0	0	—	9	32	26	00	7	04	4	0	0	—	16		18					46	0	0	2	167
KHARTUM																										0	Tr.	4	168
KASSALA	00	8	24	2	0	0	—	6	35	20	00	8	00	0	0	0	—	11		24					65	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	6	32	3	0	0	—	8	34	16	08	5	32	2	4	3	1	14		19					28	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	3	0	0	—	8	36	12	00	9	26	2	2	2	1	12	—	23		—		—	34	—	—	49	182
ROSEIRES	00	7	02	2	0	0	—	7?	38	31	00	7	02	2	0	0	—	12		23					53	0	1	36	172
EL OBEID	00	8	04	3	0	0	—	8	34	16	05	5	30	3	0	0	—	15		19					28	0	6	16	174
EL FASHER	01	9	04	1	0	3	1	—	32	6																0	5	6	175
GENEINA	00	8	32	3	0	3	1	—	32	18	00	7	02	4	0	2	1	—		17					28	—	—	4	179
KADUGLI	00	8	30	3	0	0	—	8	36	9	00	8	28	2	0	0	—	13		24					30	—	—	89	187
S. SUDAN																													
MALAKAL	05	7	30	2	0	0	—	9	36	19	00	8	02	3	0	0	—	—		25					36	0	48	88	176
WAU	02	8	08	2	1	5	2	7	37	10	02	8	00	0	1	5	2	13		18					78	0	178	144	177
JUBA	01	8	12	2	1	5	8,4	8	37	22	01	8	18	2	0	3	4	13		26					55	0	149	145	178

UPPER WINDS ON الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 45 m.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 8 h.	KHARTUM	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 8 h.	JUBA 7 h.
				02 16 10		02 32 10	02 36 15	10 03 40	10 06 35		10 03 35	10 03 35	10 04 —	10 16 05
				05 26 35		05 33 30	05 36 40	15 31 10	15 03 20		15 03 15	15 06 20	15 03 45	15 19 15
				08 27 30		10 33 30	10 03 35	20 28 35	20 02 05		20 34 15	20 03 15	20 06 20	20 22 15
				10 27 30		15 31 20	15 34 10	30 28 55	30 33 15		30 29 05			
				15 28 35		20 31 30	20 24 15	40 29 70	40 33 35					
				20 28 30		25 28 40								
				25 28 60		30 28 40								
				30 28 60										
				35 27 35										
				40 28 48										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day — Humidity % on 20th	Diff. from normal	Wet Bulb Temp °C on 20th	Diff. from normal
Alexandria	65	-1	12.5	+1.1
Ezbekiya	54	-13	11.1	+0.9
Giza	65	-8	11.2	+1.5
Helwan	60	+2	10.0	+0.9

Giza Grass minimum on 21st 4.6 °C

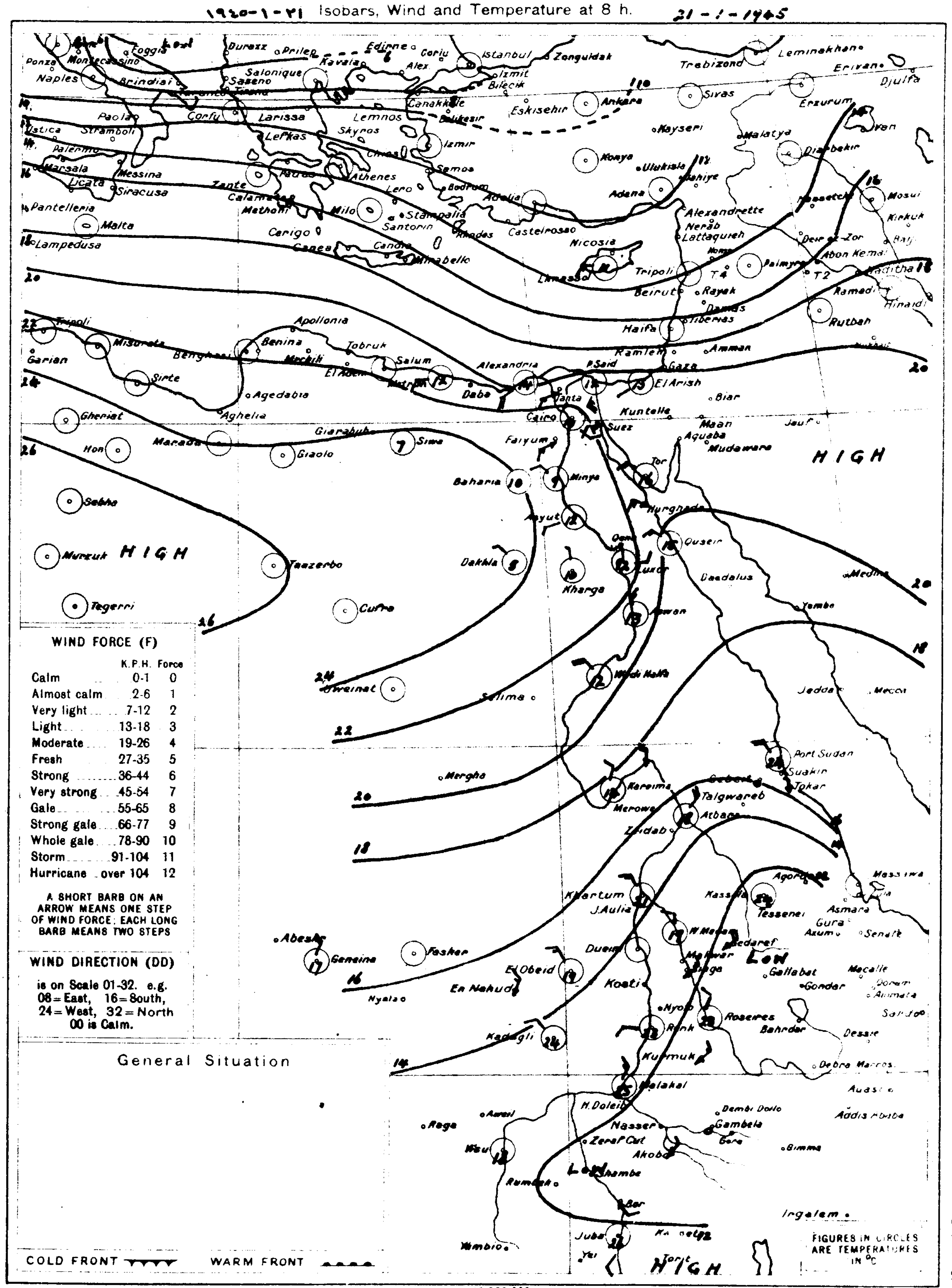
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
21-1	869	671
20-1	869	1037

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	12.67	-0.71
Nasser		—	—	8.75	-0.39
Malakal		10.52	-0.68	10.55	-0.57
Roseires		12.08	+0.06	12.08	+0.04
Sennar Res		—	—	20.71	—
J. Aulia U.S		—	—	377.30	—
J. Aulia D.S		—	—	371.30	-0.55
Khartum		12.26	-0.62	10.30	-0.60
Kh. el Girba					
Atbara		10.34	-0.24	10.36	-0.23
Kajnarti		—	—	132.52	-1.22
Aswan Res.		121.01	—	121.05	—
Aswan D.S.		85.12	-1.09	85.11	-1.08
Roda (Cairo)		14.77	+0.04	14.81	+0.08

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

Isobars, Wind and Temperature at 8 h. 21-1-1945 ١٩٤٥-١-٢١



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

STATION محطة	At 8 h. on 21st الساعة ٨ يوم ٢١ — Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Nag Hamadi	00	9	00	0	0	0	—	22.8	—	8.8	20	—	4	—	71	0	16	—
Limassol	01	7	24	3	6	4	—	12.8	-4.6	11	—	—	—	—	—	5	454	264
SHIPS سفن																		

Remarks

WATER TEMP.
RIVER NILE CAIRO 14.6 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise 06h 58m

Sunset 17 23

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month JANUARY 1940 — شهر يناير ١٩٤٠

1940-1-22 Isobars, Wind and Temperature at 8 h. 22-1-1940

At 14 h on 21st — ٢١ الساعة ١٤

At 8 h on MONDAY 22nd — ٢٢ الاثنين الساعة ٨

STATION		At 14 h: Present Weather	Visibility	Wind Dir	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Press M.S.L. 1000+ mbs	Dry Bulb °C	Humidity %	At 8 h: Present Weather	Visibility	Wind Dir	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Temperature Dry Bulb °C	Maximum Yesterday °C	Maximum Diff. from norm °C	Minimum Today °C	Minimum Diff. from norm °C	Humidity %	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
		ww	V	DD	F	W	N	C	PPP	TTT	UU	ww	V	DD	F	W	N	C	PPP	TTT	MM			mm		UU				
MED. TERRANEAN	SALUM																													130
	MATRUH	01	9	28	3	1	4	8	19.2	16.6	78	02	8	22	1	2	7	6	20.4	+2.2	12.7	17	-1	12	+3	90	0	70	60	104	131
	DIKHEILA																													150
	ALEXANDRIA	02	9	28	3	6	6	8	19.6	16.0	76	03	7	00	0	2	8	8	21.6	+8.0	13.3	18	0	13	+3	83	Tr.	172	132	132
	DAMIETTA	02	8	20	3	1	5	6	19.0	18.0	68	01	7	20	1	1	5	6	21.4	—	12.1	17	—	9	—		1	78	61	159
	PORT SAID	01	8	18	3	0	3	6	19.1	18.5	46	02	8	16	3	2	7	6	21.5	+4.1	12.8	19	0	12	+1	97	0	62	46	134
	EL 'ARISH	00	9	30		0	0	—	19.6	20.0	44	01	8	00	0	1	4	8	21.4	+3.3	14.4	20	+2	9	+2	85	0	183	46	135
MIDDLE EGYPT	DAMANHUR	02	6	32	3	2	6	9	19.4	16.0	76	03	6	20	2	5	8	5	21.6	+3.3	11.4	19	-1	9	+2	93	dr.	58	55	136
	MANSURA	01	8	28	2	1	3	8	19.5	18.8	60	01	6	18	2	1	4	9	21.9	—	9.5	20	0	8	+1	94	0	43	26	137
	TANTA	00	8	24	4	0	0	—	19.6	18.0	63	03	6	00	0	2	8	7	22.0	+3.2	10.5	18	-2	8	+2	88	0	37	20	138
	ZAGAZIG	00	7	28	2	0	0	—	19.8	18.0	48	01	5	20	2	1	4	7	23.1	+4.3	9.9	20	0	8	+2	—	0	36	14	139
	CAIRO: ALMAZA	00	8	23	3	0	0	—	20.8	18.6	26	01	7	18	1	0	4	$4_1 5_2$	22.6	—	12.0	19	—	9	—	77	0	40	—	141
	CAIRO: EZBEKIYA	00	8	24	4	0	0	—	20.4	18.8	25	05	5	14	2	0	3	5	22.7	+3.5	10.3	20	0	9	+1	86	0	37	13	—
	CAIRO: GIZA	00	8	22	2	0	0	—	20.2	21.6	25	05	5	14	1	1	3	4	22.2	+2.4	10.9	22	+3	5	0	89	0	34	14	—
	HELWAN	00	9	24	5	0	0	—	19.9	18.2	28	09	6	00	0	0	0	—	22.0	+2.6	10.0	18	-1	9	+1	84	0	46	14	143
	SUEZ	00	9	00	0	0	0	—	20.0	20.5	33	00	8	00	0	0	0	—	21.4	+3.1	10.8	23	+3	7	-3	72	0	36	10	144
UPPER EGYPT	FAIYUM	00	8	26	3	0	0	—	21.0	19.5	30	01	7	00	0	1	4	6	22.6	+3.4	7.5	21	0	6	0	74	0	72	4	153
	MINYA	00	9	24	3	0	0	—	20.2	20.8	36	01	8	12	1	1	3	2	22.4	+2.6	12.2	21	+1	5	-1	61	0	1	—	154
	ASYUT	00	8	30	1	0	0	—	21.5	18.0	44	01	6	00	0	1	3	2	22.6	+2.5	9.8	19	-1	5	-1	62	0	14	4	155
	QENA	00	9	26	2	0	0	—	19.5	20.1	32	09	7	24	1	0	3	1	21.1	+2.2	9.1	22	-1	6	-1	72	0	20	—	156
	LUXOR	00	7	30	2	0	0	—	19.9	21.6	41	00	7	12	2	0	0	—	21.4	—	12.4	22	—	2	—	50	0	Tr.	—	157
	ASWAN	00	9	32	3	0	0	—	18.6	20.8	28	00	9	00	0	0	0	—	21.4	+2.5	10.8	22	-1	3	-2	54	0	dr.	—	158
WESTERN DESERT	SIWA	00	8	24	2	0	0	—	22.0	19.5	61	00	7	00	0	0	0	—	22.3	+1.1	5.5	20	0	3	-1	62	0	2	6	148
	BAHARIYA	00	9	00	0	0	0	—	21.4	20.2	39	00	9	00	0	0	0	—	21.6	+1.6	9.0	22	—	6	—	73	0	7	—	149
	KHARGA	00	9	32	2	0	0	—	21.2	19.6	27	00	9	32	1	0	0	—	21.6	+1.2	8.2	20	-2	3	-3	49	0	4	—	151
	DAKHLA	00	8	32	4	0	0	—	21.8	17.7	56	00	7	24	1	0	0	—	23.2	+3.0	8.7	19	-3	2	-3	—	0	Tr.	—	152
RED SEA	TOR	00	7	28	4	0	0	—	18.6	19.2	39	00	7	28	1	0	0	—	21.2	+3.4	13.2	20	-1	10	+1	64	0	8	9	145
	HURGHADA	00	9	30	8	0	0	—	19.1	19.4	44	00	9	06	4	0	0	—	20.6	+2.7	15.0	21	-1	11	+1	49	0	8	—	146
	QUSEIR	00	8	32	3	0	0	—	19.2	20.3	46	00	8	24	3	0	0	—	19.4	+1.9	14.3	21	-2	13	-1	54	0	20	—	147
	PORT SUDAN																										0	81	88	169
NORTH SUDAN	WADI HALFA	00	8	30	4	0	0	—	18	22	19	00	9	30	1	0	0	—	20		10					50	0	0	—	165
	KAREIMA	00	8	04	2	0	1	1	13	30	13	00	8	06	1	0	1	2	17		15					30	0	0	1	166
	'ATBARA	00	7	30	4	0	0	—	10	32	31	00	8	30	4	0	2	1	15		18					43	0	0	2	167
	KHARTUM																										0	Tr.	4	168
	KASSALA	00	8	02	3	0	0	—	6	35	29	00	8	00	0	0	0	—	13		24					69	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	00	8	02	4	1	0	—	7	36	15	00	7	02	4	0	0	—	14		21					25	0	8	12	171
	DUEIM																										0	4	13	173
	RENK	00	9	28	3	0	0	—	6	35	13	00	9	28	3	0	0	—	11		22					33	—	—	49	182
	ROSEIRES	00	7	30	2	0	0	—	7	37	—	00	7	02	2	0	0	—	11		23					53	0	1	36	172
	EL OBEID	00	8	04	4	0	0	—	10	32	17	00	8	30	3	0	0	—	15		18					43	0	6	16	174
	EL FASHER	02	8	06	3	1	5	2	—	31	12	05	6	02	1	0	3	1	—		14					36	0	5	6	175
	GENEINA	05	6	32	3	1	8	2	—	33	07	05	6	32	3	1	8	2	—		17					24	—	—	4	179
	KADUGLI	05	5	04	4	0	0	—	6	37	10	02	7	04	4	0	7	1	13		24					17	—	—	89	187
S. SUDAN	MALAKAL	00	8	04	2	0	0	—	6	37	17	01	8	02	3	1	3	1	11		24					34	0	48	88	176
	WAU	02	8	06	1	1	5	2	7	36	10	00	8	00	0	0	2	4	11		22					35	0	178	144	177
	JUBA	05	7	12	2	1	4	8	6	37	16	05	7	20	1	0	3	4	12		18					83	0	149	145	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON — رياح عليا

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	GENEINA	JUBA
h m	h m	h m	h m	8h 30m	h m	7h m	7h m	7h m	h m	7h m	7h m	7h m	7h m	7h m
				02 20 05		02 29 20 02	01 10 02 25			10 35 15 10	04 20 10 03	48 10 05 30	10 03 20	
				05 01 10		05 36 18 05	02 35 15 31	15		15 06 30 15	01 20 15 06	30 15 07 35	15 04 30	
				08 01 05		10 36 20 10	05 20 20 31	—		20 09 30 20	34 20 20 01	25 20 36 15	20 04 25	
				10 33 15		15 36 20 15	32 10 30 30	50		30 33 20 30	29 25	30 28 10 30	04 25	
				15 34 20		20 33 15 20	26 10			40 30 10 35	26 20	40 27 20 40	05 15	
				20 01 10		25 32 25 25	23 15			45 30 05		50 24 20		
				23 33 05		30 33 30				50 24 05		60 23 —		
				25 30 20						60 14 —				
				30 29 30										
				35 28 40										

Forecast for 24 hours from noon on

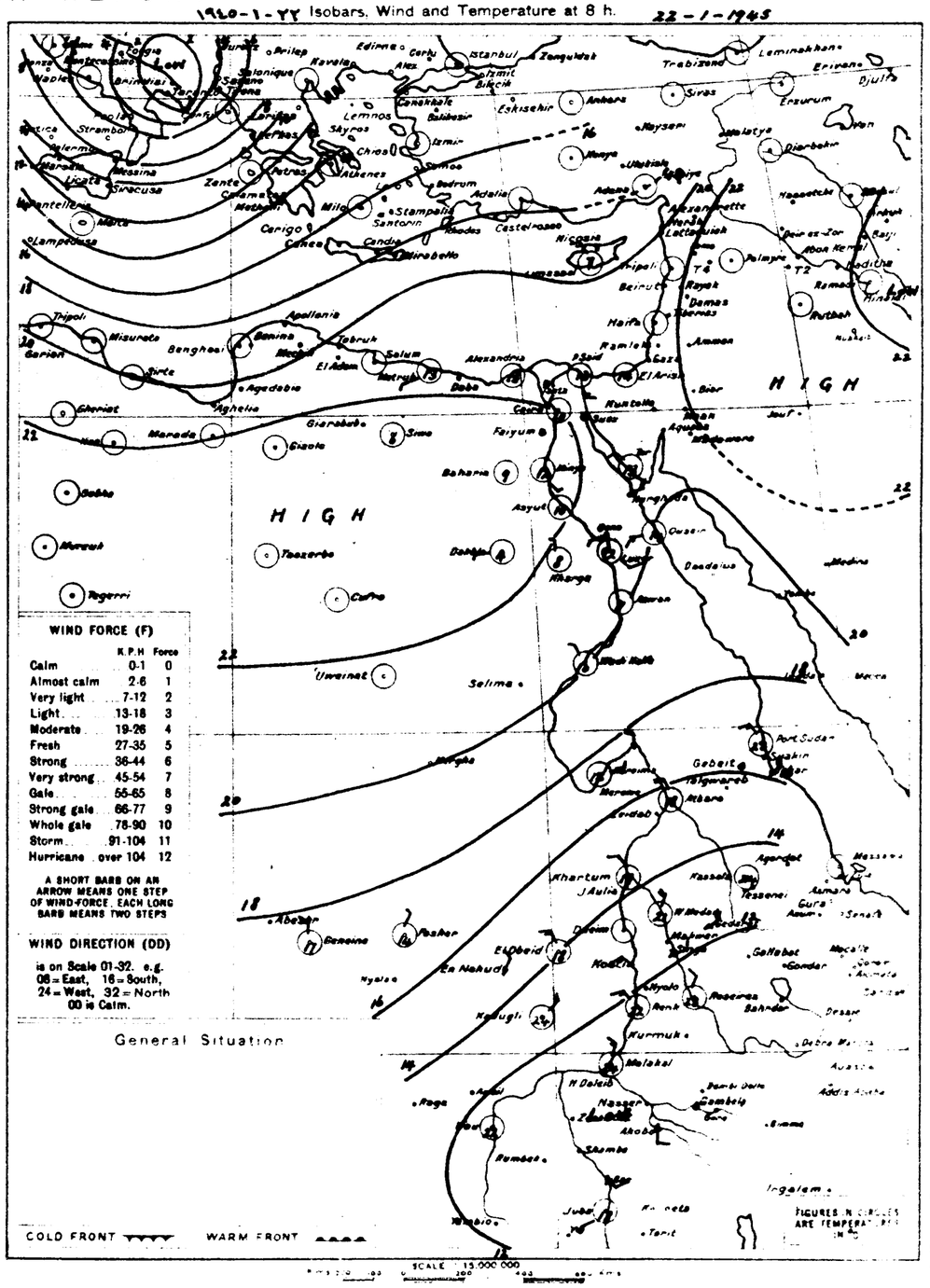
STATION	Mean of day: Humidity % on 21st	Humidity Diff. from norms	Wet Bulb Temp °C on 21st	Wet Bulb Temp Diff. from norms
Alexandria	74	+6	12.5	+1.1
Ezbekiya	61	-6	9.5	-0.7
Giza	64	-8	11.2	+1.5
Helwan	53	-5	8.7	-0.4
Giza Grass minimum on	22 nd		2.2	C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
22-1	469	816
21-1	869	671

GAUGE	Date	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba					
Nasser		—	—	8.78	-0.37
Malakal		10.90	-0.56	10.82	-0.58
Roseires		12.07	+0.06	12.08	+0.06
Sennar Res.		—	—	20.76	—
J. Aulia U.S		—	—	577.25	—
J. Aulia D.S		—	—	571.27	-0.56
Khartum		—	—	10.26	-0.62
Kh. el Girba					
'Atbara		—	—	10.34	-0.24
Kajnarti		—	—	132.60	-1.22
Aswan Res.		121.00	—	121.01	—
Aswan D.S.		85.11	-1.11	85.12	-1.09
Roda (Cairo)		14.77	+0.04	14.77	+0.04

تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر يوم



WIND FORCE (F)

	K.P.H	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND-FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	15
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30 34
Fog or Thick Haze	40-49
Mod. Fog in past hour	41
Thick	42
Fog in patches	49
Drizzle	50 59
Rain	60-69
Rain and Fog	67
Rain and Snow	68 69
Snow	70 79
Showers	80 89
,, of Snow	83 84
,, of Sleet	85 86
,, of Hail	88 89
Thunderstorm	90 99
,, without Rain	[illegible]
,, with Rain	94 96
,, with Duststorm	98
,, heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick or thick haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

STATION	At 8 h on 22nd: Present Weather	Visibility	Wind Dir	Wind Force	Past Weather	Cloud Amount	Cloud Form	Bar Pressure M.S.L. 1000+ mbs	Temperature Dry Bulb °C	Yesterday Maximum °C	Diff. from norm °C	Today Minimum °C	Diff. from norm °C	Humidity %	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
	ww	V	DD	F	W	N	C	PPP	TTT	MM		mm		UU			
Naghamadi	00	8	00	0	0	3	4	21.2	—	9.8	20	—	3	—	64	0	16	—
Limassol	00	9	30	3	1	2	—	19.8	+2.4	7	—	—	—	—	—	1	454	267

SHIPS — سفن

Remarks

WATER TEMP. RIVER NILE CAIRO 14.6 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938: 38/554/ 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST PT 100 ABROAD PT 150

CAIRO
Time of Sunrise 06 h 50 m
Sunset 17 h 24 m

1417 F.C.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY 1945 ١٩٤٥ شهر يناير

At 14 h on 22nd — ٢٢ الساعة ١٤ يوم ; At 8 h on TUESDAY 23rd — الساعة ٨ يوم الثلاثاء ٢٣

Region	Station	14h ww	14h V	14h Wind DD	14h Wind F	14h Past W	14h Cloud N	14h Cloud C	14h Bar Press M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h Humidity % UU	8h ww	8h V	8h Wind DD	8h Wind F	8h Past W	8h Cloud N	8h Cloud C	8h Bar M.S.L. 1000+ mbs PPP	8h Diff from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Max Diff from norm °C	Min Today °C mm	Min Diff from norm °C	Humidity % UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
Mediterranean	SALUM																													130
	MATRUH	01	9	24	2	1	5	8	17.5	18.8	53	00	9	24	3	0	0	—	14.8	-3.3	10.8	20	+2	8	-1	65	0	70	106	131
	DIKHEILA																													150
	ALEXANDRIA	02	8	00	0	2	6	8	18.4	18.0	51	00	8	20	2	0	0	—	16.0	-2.5	13.3	19	+1	10	0	54	0	172	133	132
	DAMIETTA	02	6	30	1	2	5	6	18.7	14.9	86	01	7	20	1	1	5	4	16.0	—	10.9	17		8		92	0	78	62	159
	PORT SAID	01	8	30	2	1	4	6	18.4	18.0	63	00	8	18	2	0	0	—	16.2	-1.2	13.0	19	0	11	0	81	0	62	47	134
	EL 'ARISH	00	9	30		0	0	—	18.4	15.7	69	00	9	20		0	0	—	16.4	-1.6	14.2	20	+2	10	+3	72	0	183	47	135
Lower Egypt	DAMANHUR	02	6	20	3	2	5	8	18.0	18.2	54	01	6	20	3	1	4	4	16.4	-1.9	8.6	20	0	8	+1	70	0	58	56	136
	MANSURA	01	6	24	2	1	4	9	19.1	18.8	64	01	6	16	2	1	4	9	16.6	—	9.0	19	-1	6	-1	92	0	43	26	137
	TANTA	02	7	00	0	2	8	7	19.0	17.0	74	00	8	00	0	0	0	—	17.2	-1.5	9.0	18	-2	8	+2	73	0	37	20	138
	ZAGAZIG	02	5	20	2	1	5	8	19.6	17.1	58	00	7	18	3	0	2	6	16.8	-2.0	8.4	20	0	7	+1	84	0	36	14	139
Middle Egypt (Cairo)	ALMAZA	02	7	30	1	1	6	6,1	19.3	16.6	47	05	6	18	2	0	1	4	17.6	—	11.6	20		9		57	0	46		141
	EZBEKIYA	01	8	26	1	1	5	4	18.6	17.1	45	05	4	16	3	0	0	—	17.8	-1.4	10.1	20	0	8	0	72	0	37	13	
	GIZA	02	8	28	1	1	5	4	17.8	20.2	33	07	5	14	2	0	0	—	17.6	-1.9	11.0	22	+3	6	+1	75	0	34	14	
	HELWAN	01	8	24	2	0	4	8	17.9	17.7	37	00	6	10	1	0	0	—	17.9	-1.4	10.0	19	0	8	0	62	0	46	14	143
	SUEZ	01	8	32	2	1	4	8	18.2	18.6	42	00	7	06	1	0	0	—	16.8	-1.5	12.0	23	+3	7	-3	73	0	36	10	144
Upper Egypt	FAIYUM	02	8	26	1	2	6	6	18.4	17.5	41	08	4	18	1	0	0	—	18.2	-0.9	6.9	20	-1	5	-1	73	0	72	4	153
	MINYA											04	7	30	1	0	0	—	18.0	-1.8	10.9	20	0	6	0	71	0	1		154
	ASYUT	01	7	22	1	1	4	2	18.2	18.8	47	01	6	00	0	1	3	2	18.4	-1.6	11.2	20	0	6	0	77	0	14	4	155
	QENA	01	8	20	1	1	4	1	16.4	17.9	50	09	7	24	2	1	5	1	18.0	-0.8	10.3	21	-2	6	-1	81	0	20		156
	LUXOR	01	7	10	2	1	4	1	17.4	20.0	47	00	7	16	2	0	0	—	18.7	—	8.0	22		3		82	0	tr.		157
	ASWAN											01	9	00	0	1	3	1	17.0	-1.0	13.0	22	-2	8	-2	45	0	tr.	—	158
Western Desert	SIWA	00	8	00	0	0	0	—	20.2	19.4	51	00	6	00	0	0	0	—	19.1	-1.4	3.2	20	0	-2	-6	70	0	2	6	148
	BAHARIYA											00	9	00	0	0	0	—	18.4	-1.8	8.0	23		4		65	0	7		149
	KHARGA	01	9	02	2	1	4	1	17.6	19.3	18	01	8	00	0	1	5	3	19.1	-0.3	9.7	20	-2	5	-1	55	0	4	—	151
	DAKHLA	00	8	32	1	0	0	—	18.4	18.0	48	00	7	32	1	0	0	—	19.6	-0.5	5.0	20	-2	3	-2	66	0	tr.		152
Red Sea	TOR	00	7	28	3	0	3	1	16.0	19.7	40	00	7	32	2	0	3	1	15.8	-2.0	13.4	20	-1	9	0	48	0	1	9	145
	HURGHADA	01	8	04	2	1	4	1	16.7	19.0	54	02	7	16	4	2	5	8	16.7?	-1.1	14.2	20	-2	10	0	60	0	8	—	146
	QUSEIR	01	8	32	3	1	3	1	15.9	20.0	46	00	8	26	2	0	0	—	15.1	-2.3	14.6	20	-3	13	-1	57	0	20	—	147
	PORT SUDAN																										0	81	88	169
North Sudan	WADI HALFA	00	9	30	3	0	1	4	16	21	17	00	9	00	0	0	1	4	18		9					37	0	0		165
	KAREIMA	00	8	02	2	0	0	—	12	29	12	00	8	06	1	0	0	—	16		14					27	0	0	1	166
	ATBARA	00	7	30	3	0	0	—	9	30	24	00	8	30	3	0	0	—	14		16					24	0	0	2	167
	KHARTUM																										0	0	4	168
	KASSALA	18	6	02	4	0	2	1	6	33	36	00	8	00	0	0	0	—	11		20					56	0	9	8	170
Central Sudan	WAD MEDANI	00	8	02	5	0	2	1	7	34	07	00	7	02	5	0	0	—	12		20					21	0	8	12	171
	DUEIM																										0	4	13	173
	RENK	00	9	32	3	0	0	—	6	35	13	00	9	28	3	0	0	—	11		22					27	—	—	49	182
	ROSEIRES											00	7	26	2	0	0	—	11		22					53	0	1	36	172
	EL OBEID	00	9	04	4	0	0	—	8	31	11	00	9	32	4	0	0	—	14		18					22	0	6	16	174
	EL FASHER	00	8	02	2	0	3	1	—	29	14																0	5	6	175
	GENEINA	00	8	06	3	1	0	—	—	33	08																—	—	4	179
	KADUGLI	00	7	02	4	0	0	—	5	34	32	02	8	08	3	1	6	4	12		17					42	—	—	89	187
S. Sudan	MALAKAL	00	8	02	4	0	3	1	5	36	12	01	8	32	3	1	3	1	10		23					24	0	48	88	176
	WAU	00	8	08	2	1	1	4	6	35	18	00	8	00	0	0	0	—	10		20					60	0	178	144	177
	JUBA	01	8	06	3	1	4	8,4	5	37	20																0	149	145	178

UPPER WINDS ON 23rd

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Salum	Matruh	Dikheila (Cairo) 09h 30m	Port Said	Helwan 8h 45m	Minya	Asyut 7h	Aswan 7h	Wadi Halfa 7h	Kareima 8h	Khartum	Kassala 7h	El Obeid 7h	Malakal 7h	Juba
		02 20 15		02 17 16		02 27 05		10 36 20	10 35 30		10 03 35	10 03 55	10 04 80?	
		04 22 15		05 23 10		05 36 20	05 36 30	15 35 30	15 34 35		15 03 40	15 05 35	15 04 60	
				08 27 25		10 34 20	10 33 25	20 31 40	20 34 60		20 02 20	20 10 15	20 02 35	
				10 24 25		15 29 35	15 31 30	30 31 45	30 26 35		30 28 10	30 35 16	25 02 35	
				15 24 25		20 28 30	20 26 65	40 27 —	40 28 20			40 31 10		
				20 27 40		25 31 30	26 29 50					45 33 15		
				23 27 40		30 32 40	30 27 50					50 33 10		
				25 28 35			35 24 65							
				30 28 60?										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 22nd	Diff. from normal	Wet bulb temp °C on 22nd	Diff. from normal
Alexandria	63	-3	11.8	+0.4
Ezbekiya	71	+4	10.6	+0.4
Giza	77	+5	10.7	+1.0
Helwan	62	+4	9.7	+0.6

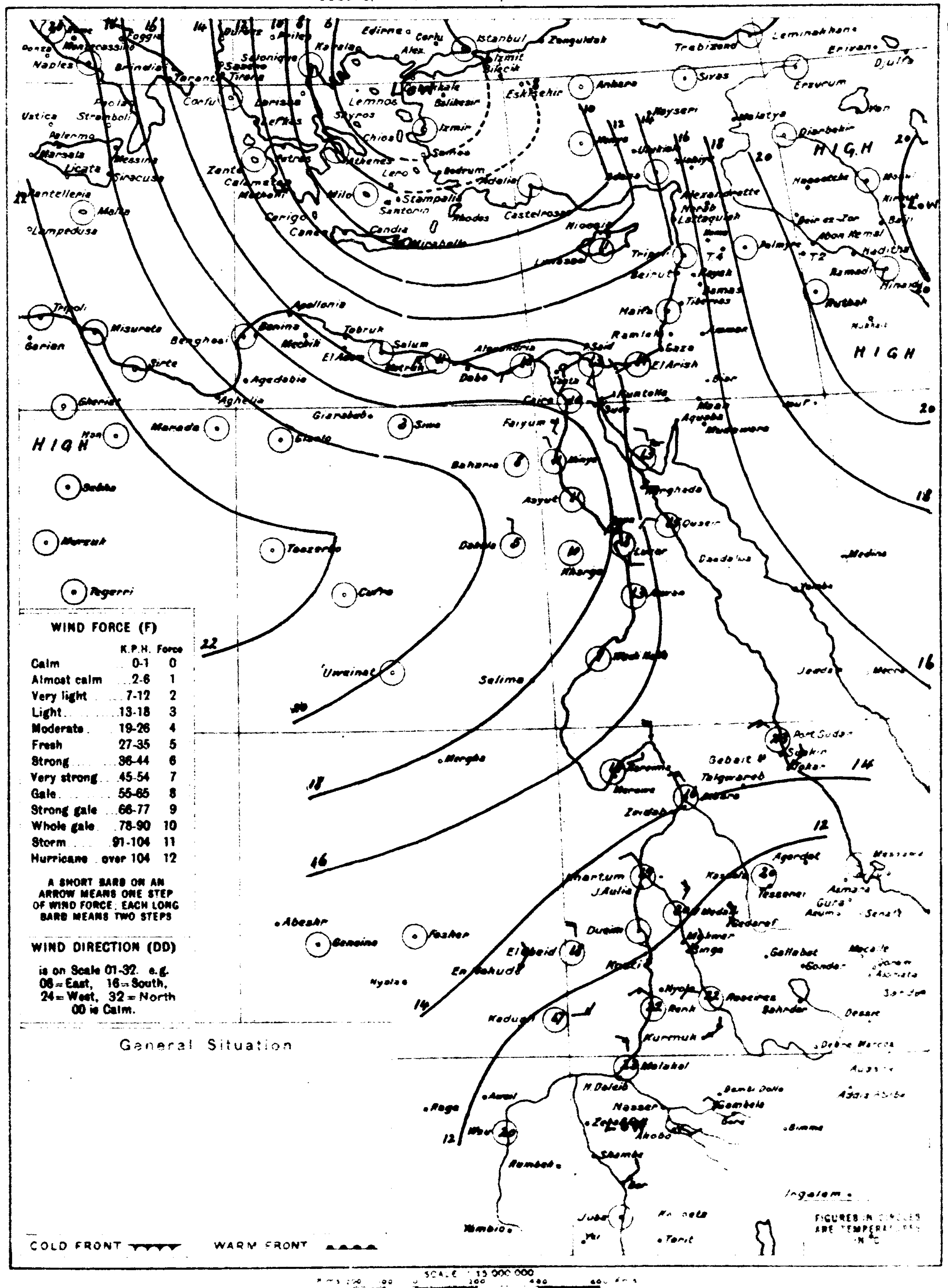
Giza Grass minimum on 23rd 2.7 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
23-1	869	944
22-1	867	816

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	12.66	-0.72
Nasser		—	—	8.69	-0.30
Malakal		10.48	-0.54	10.50	-0.56
Roseires		12.06	+0.06	12.07	+0.06
Sennar Res.		—	—	20.69	—
J. Aulia U.S		—	—	377.12	—
J. Aulia D.S		—	—	371.24	-0.87
Khartum		10.14	-0.67	10.18	-0.57
Kh. el Girba					
Atbara		10.31	-0.24	10.32	-0.24
Kajnarti		—	—	122.47	—
Aswan Res.		121.02	—	121.00	—
Aswan D.S.		85.11	+1.13	85.11	+1.11
Roda (Cairo)		14.77	+0.04	14.77	+0.04

Isobars, Wind and Temperature at 8 h. 23-1-1945 ١٩٤٥-١-٢٣



At 8 h on 23rd — ٢٣ الساعة ٨ يوم

Station (Ships)	ww	V	Wind DD	Wind F	Past W	Cloud N	Cloud C	Bar M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C	Max Yesterday °C	Max Diff	Min Today °C	Min Diff	Humidity %	Rain Past 24 hrs	Rain Total from Oct 1	Rain Normal from Oct 1
Limassol	03	6	30	2	6	8	—	12.7	-4.6	11	—	—	—	—	—	4	458	271
Naghamadi	01	8	00	0	0	5	4	18.0	—	9.9	20	—	5	—	73	0	16	—

SHIPS سفن

Remarks

WATER TEMP.
RIVER NILE CAIRO
15.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devil 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10
Thunder without rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
of Snow 83, 84
of Sleet 85, 86
of Hail 88, 89
Thunderstorm 90-99
with Rain 91
with Hail 94, 96
with Duststorm 98
heavy with Hail 99

PAST WEATHER (W)
Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)
Objects not visible at 50 metres 0
200 1
500 2
1 Kilometre 3
2 4
4 5
10 6
20 7
50 8
Visible over 50 kms 9

CLOUD AMOUNT (N)
Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

CLOUD FORM (C)
Cirrus 1
Cirro stratus 2
Cirro cumulus 3
Alto cumulus 4
Alto stratus 5
Strato cumulus 6
Nimbo-stratus 7
Cumulus 8
Cumulo nimbus 9
Stratus 0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 50 m
Sunset 17 h 25 m

1417 F.C.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month *JANUARY* 1945 ١٩٤٥ شهر يناير

At 14 h on 23rd ٢٣ الساعة ١٤ يوم — At 8 h. on *WEDNESDAY 24th* الساعة ٨ يوم الأربعاء ٢٤

Station	14h Present weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry bulb °C TTT	Maximum Yesterday °C	Max Diff. from norm. °C	Minimum Today °C	Min Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
MEDITERRANEAN																													
SALUM																													130
MATRUH	50	7	26	6	3	5	9	15.1	14.0	99	01	8	32	5		5	9	23.2	+5.1	13.3	16	-2	—	—	67	tr.	71/64	107	131
DIKHEILA																													150
ALEXANDRIA	00	8	20	7	0	0	—	13.4	17.0	28	02	8	32	6	5	6	9	21.8	+3.3	13.0	17	-1	10	0	55	tr.	173	134	132
DAMIETTA	00	8	20	4	1	1	8	14.4	17.5	44	14	7	28	5	2	5	6	20.3	—	12.9	18		10		56	1	79	63	159
PORT SAID	00	8	18	5	0	0	—	14.7	18.0	42	51	6	24	4	5	6	7	20.6	+3.2	12.0	18	-1	11	0	68	dr.	62	47	134
EL ARISH	00	9	30		0	0	—	15.4	19.7	29	01	8	20		1	4	8	21.0	+3.0	11.6	20	+2	9	+2	80	0	183	48	135
LOWER EGYPT																													
DAMANHUR	00	5	20	7	1	0	—	15.2	18.2	—	02	6	24	3	2	5	5	21.9	+3.7	10.3	19	-1	8	+1	78	dr.	58	57	136
MANSURA	00	8	24	—	1	0	—	15.4	18.8	46	01	7	02	2	1	4	8	21.4	—	9.2	20	0	8	+1	84	0	43	27	137
TANTA	00	8	20	5	0	0	—	15.4	18.3	37	01	7	00	0	1	4	4	22.7	+4.1	8.5	19	-1	5	-1	87	dr.	37	21	138
ZAGAZIG	00	7	20	5	0	0	—	16.3	18.4	48	02	7	20	2	1	5	8	22.0	+3.2	9.6	20	0	6	0	87	0	36	14	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	7	24	3	0	0	—	17.4	18.7	25	05	6	28	1	0	4	6,4	22.3	—	9.1	19		8		73	0	40		141
CAIRO EZBEKIYA	00	8	24	4	0	0	—	16.4	18.6	29	05	5	00	0	1	4	4	22.7	+3.6	10.1	20	0	8	0	73	0	37	13	—
CAIRO GIZA	00	8	22	3	1	0	—	16.6	21.8	23	05	5	24	1	1	3	6	23.2	+3.7	9.8	22	+3	5	0	76	0	34	14	—
HELWAN	00	9	22	4	0	0	—	16.3	18.0	28	05	6	28	1	0	3	6	22.8	+3.5	9.0	19	0	7	-1	74	0	46	14	143
SUEZ	00	8	22	3	1	2	8	16.0	20.8	29	00	8	30	2	0	0	—	22.0	+3.8	12.8	23	+3	10	0	60	0	36	10	144
UPPER EGYPT																													
FAIYUM	00	8	22	3	0	0	—	17.1	19.8	24	00	7	00	0	1	2	8	23.2	+4.1	8.0	21	0	6	0	76	0	72	4	153
MINYA	00	9	30	3	0	0	—	17.6	20.6	26	00	8	30	1	0	0	—	23.8	+4.1	9.6	21	+1	7	+1	62	0	1		154
ASYUT	00	8	22	1	1	0	—	18.2?	18.5	46	00	6	22	1	0	0	—	23.6	+3.6	8.8	20	0	5	-1	69	0	14	4	155
QENA	01	8	24	2	1	4	1	15.1	20.4	32	00	7	28	2	0	0	—	20.3	+1.5	8.0	22	-1	5	-2	67	0	20		156
LUXOR	00	7	26	3	0	0	—	16.4	21.2	48	00	7	12	2	0	0	—	21.6	—	10.3	22		4		49	0	tr.		157
ASWAN											00	9	00	0	0	0	—	21.0	+2.2	13.4	22	-2	7	-3	48	0	dr.	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	19.5	19.5	59	00	7	00	0	0	0	—	25.2	+4.7	5.5	20	0	2	-2	77	0	2	6	148
BAHARIYA	00	9	00	0	0	0	—	—	19.2	37	00	9	00	0	0	0	—	25.2	+5.4	8.0	21		4		72	0	7		149
KHARGA	00	9	04	3	0	3	1	17.2	20.3	26	00	8	00	0	0	2	1	22.8	+3.4	8.1	21	-1	4	-2	47	0	4	—	151
DAKHLA	00	8	28	2	0	0	—	18.2	19.0	46	00	8	24	1	0	0	—	24.6	+4.5	7.2	20	-2	2	-3	65	0	tr.		152
RED SEA																													
TOR	00	7	28	3	0	0	—	15.1	19.0	54	00	7	30	3	0	0	—	19.8	+2.0	15.4	22	+1	8	-1	45	0	1	9	145
HURGHADA	00	9	02	5	0	0	—	14.8	20.5	52	00	9	28	3	0	0	—	17.4	+1.1	14.5	21	-1	8	-2	39	0	8	—	146
QUSEIR	00	8	32	2	0	0	—	14.2	19.3	54	00	8	26	3	0	0	—	19.0	+1.0	13.2	22	-1	12	-2	43	0	20	—	147
PORT SUDAN																										0	81	89	169
NORTH SUDAN																													
WADI HALFA	00	9	32	3	0	0	—	16	22	10	00	9	00	0	0	2	2	21		10					50	0	0	—	165
KAREIMA	00	8	04	3	0	0	—	12	28	08	00	8	04	2	0	2	2	18		14					32	0	0	1	166
ATBARA	00	7	28	4	0	0	—	10	29	17	00	7	30	4	0	0	—	16		16					34	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	02	3	0	0	—	6	33	14	00	8	02	3	0	0	—	12		22					61	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	32	4	0	0	—	7	33	07	00	8	02	3	0	1	1	14		18					22	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	3	0	0	—	5?	35	07	00	9	32	3	0	0	—	11	—	19		—		—	32	—	—	49	182
ROSEIRES	00	7	02	2	0	0	—	7	-36	33	00	7	02	2	0	0	—	13?		22					44	0	1	36	172
EL OBEID	00	9	04	4	0	0	—	7	31	08	00	9	02	3	0	3	1	15		16					30	0	6	16	174
EL FASHER	01	9	08	2	0	3	1	—	31	12	01	9	00	0	0	5	2	—		12					36	0	5	6	175
GENEINA	01	8	02	3	0	3	1	—	32	06	00	8	02	4	0	2	1	—		16					20	—	—	4	179
KADUGLI	00	8	02	4	0	1	1	7			00	8	02	3	1	0	—	12		22					13	—	—	89	187
S. SUDAN																													
MALAKAL	01	8	04	5	1	5	4,1	5	36	11	01	8	02	4	1	3	4	11		23					15	0	48	88	176
WAU	00	8	04	3	0	2	4,1	5	36	12	00	8	00	0	0	3	1									0	178	144	177
JUBA	01	8	08	1	1	4	8,4,1	5	37	20	05	7	20	1	1	5	8,4	11		24					54	0	149	145	178

UPPER WINDS ON 24th الرياح العليا يوم ٢٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 30 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 8 h. m.	Khartum 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA 7 h. m.
				02 12 05		02 34 20	02 36 15	10 02 55	10 03 50	10 03 30	10 03 35	10 03 64	10 01 75	10 03 40
				05 33 30		05 36 40	05 01 40	15 35 35	15 35 30	15 07 50	15 03 25	15 05 50	15 03 60	15 05 40
				08 33 35		10 34 35	10 36 50	20 02 20	20 32 35	20 10 30	20 28 15	20 04 50	20 05 30	20 06 30
				10 34 20		15 33 35	15 34 20	30 30 40	30 31 35	30 30 20	30 31 24	30 34 15		
				15 33 45		20 33 40	20 35 20	40 29 55	40 25 30	40 31 45		40 26 20		
						25 32 35	25 34 25	45 28 70	45 26 50	45 29 30				
								50 27 55	50 25 60	50 27 45				
								60 27 70		60 29 40				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 23rd	Diff. from normal	Wet bulb temp °C on 23rd	Diff. from normal
Alexandria	56	-10	9.6	-1.8
Ezbekiya	45	-22	8.8	-1.4
Giza	53	-19	9.3	-0.4
Helwan	42	-15	7.8	-1.3

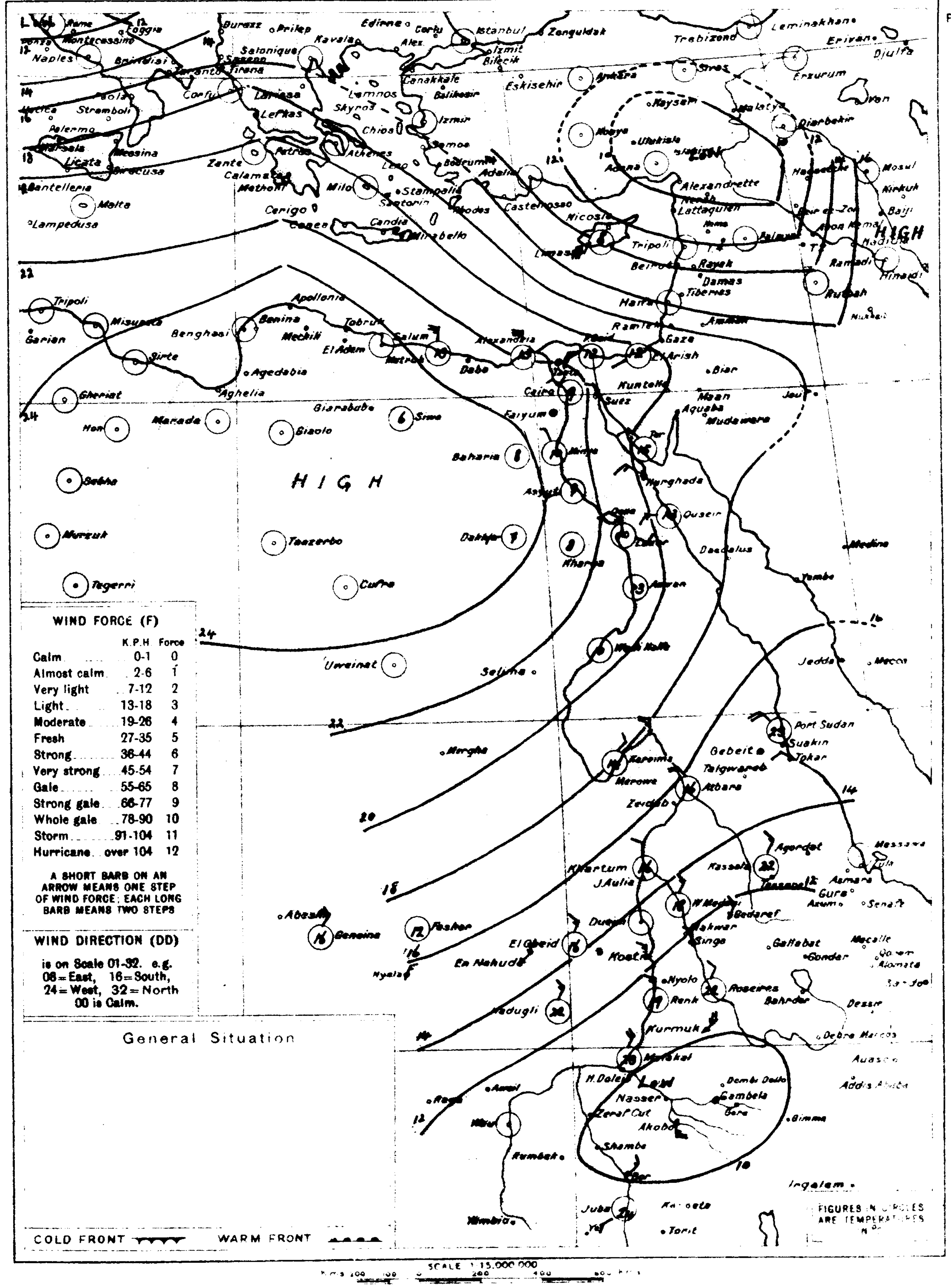
Giza Grass minimum on 24th 1.3 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
24-1	869	982
23-1	869	984

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba					
Nasser		—	—	5.67	-0.31
Malakal		10.46	-0.53	10.48	-0.54
Roseires		12.03	+0.05	12.06	+0.06
Sennar Res.		—	—	20.69	—
J. Aulia U.S		—	—	377.20	—
J. Aulia D.S		—	—	371.77	-0.62
Khartum		—	—	10.14	-0.67
Kh. el Girba					
Atbara		10.28	-0.25	10.31	-0.24
Kajnarti		—	—	132.44	-4.24
Aswan Res.		121.03	—	121.02	—
Aswan D.S.		83.11	-1.15	83.11	-1.73
Roda (Cairo)		14.77	+0.05	14.77	+0.04

Isobars, Wind and Temperature at 8 h. ١٩٤٥-١-٢٤ 24-1-45



At 8 h. on 24th الساعة ٨ يوم ٢٤

Station	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry bulb °C TTT	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	01	6	22	6	6	4	—	12.4	-4.8	8	—	—	—	—	—	10	468	275
Naghamadi	00	8	22	1	0	0	—	20.2	—	9.9	19	—	2	—	49	0	16	—
SHIPS سفن																		

Remarks

WATER TEMP. RIVER NILE CAIRO 15.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder without rain	11
Distant Duststorm	12
Squally	13
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
" of Snow	83-84
" of Sleet	85-86
" of Hail	88-89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro-stratus	2
Cirro-cumulus	
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

Printed by the Survey & Mines Dept. 1938 (36/884) 1939 (80/777)

CAIRO
Time of Sunrise h 06 m 49
Sunset 17 26

1417 F.C.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JANUARY, 1945 ١٩٤٥ شهر يناير

STATION	14h on 24th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	Humidity % UU	8h on THURSDAY 25th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Dry bulb °C	Max. yesterday °C	Max. diff. from norm °C	Min. today °C	Min. diff. from norm °C	Humidity UU	Rainfall past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
MEDITERRANEAN																													
SALUM																													130
MATRUH	02	8	32	3	1	6	9	23.0	13.8	70	02	8	20	1	2	6	9	24.3	+6.3	10.8	14	-4	7	-2	81	0	61	109	131
DIKHEILA																													150
ALEXANDRIA	02	9	32	4	2	5	8	22.0	14.0	49	03	7	00	0	2	8	5	24.6	+6.1	11.2	16	-2	10	0	71	0	173	135	132
DAMIETTA	14	8	30	5	1	4	8	21.0	13.8	62	00	6	32	1	1	1	6	24.0	—	11.9	14		8		68	0	79	64	159
PORT SAID	18	7	26	6	3	4	8	21.0	15.3	47	00	8	04	2	0	1	6	23.8	+6.5	12.6	17	-2	11	0	57	tr.	62	48	134
EL ARISH	02	8	30	—	2	5	9	21.1	13.7	56	01	8	30	—	1	3	8	22.7	+4.7	13.2	15	3	10	+3	75	0	183	48	135
LOWER EGYPT																													
DAMANHUR	02	7	24	3	2	5	8	21.6	14.3	52	01	6	32	2	1	4	4	24.2	+6.0	10.2	15	-5	7	0	72	0	58	58	136
MANSURA	01	7	30	2	1	4	9	21.5	14.6	46	00	8	32	1	0	0	—	24.2	—	8.3	16	-4	6	-1	78	0	43	27	137
TANTA	02	7	28	3	2	5	8	21.6	15.0	53	00	7	00	0	0	0	—	24.6	+6.1	7.0	16	-4	2	-4	94	0	37	21	138
ZAGAZIG	02	5	24	2	1	5	8	21.8	15.4	62	00	6	08	1	0	0	—	24.2	+5.5	6.4	18	-2	4	-2	93	0	36	14	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	30	2	1	5	6	22.3	14.2	47	00	7	11	2	0	0	—	24.0	—	8.7	16	—	5	—	67	0	40	—	141
CAIRO EZBEKIYA	02	7	28	3	0	5	8	21.4	16.0	49	05	5	06	2	0	0	—	23.9	+4.9	9.0	17	-3	5	-3	72	0	37	13	—
CAIRO GIZA	01	8	28	3	1	6	8	21.2	15.5	46	04	3	00	0	4	0	—	23.5	+4.1	6.0	17	-2	1	-4	90	0	34	14	—
HELWAN	02	6	32	2	1	5	9	21.5	13.2	53	05	6	02	2	0	0	—	23.5	+4.3	8.8	14	-5	5	-3	62	0	46	14	143
SUEZ	01	7	32	3	1	5	9	21.2	15.0	44	00	8	30	1	0	0	—	23.8	+5.6	8.8	18	-2	5	-5	66	0	36	10	144
UPPER EGYPT																													
FAIYUM	01	8	30	3	1	4	8	21.8	16.0	39	08	4	04	2	0	0	—	23.2	+4.2	5.8	17	-4	3	-3	81	0	72	4	153
MINYA	01	8	28	3	1	4	8	21.8	17.3	34	00	8	32	2	0	0	—	22.3	+2.7	6.8	17	-3	3	-3	80	0	1	—	154
ASYUT	01	8	30	1	1	4	2	21.2	16.0	46	00	6	22	1	0	0	—	22.3	+2.3	7.3	19	-1	3	-3	79	0	14	4	155
QENA	01	8	24	3	0	3	1	18.7	19.7	34	00	7	04	1	0	0	—	21.2	+2.5	7.0	21	-2	4	-3	79	0	20	—	156
LUXOR	00	7	30	3	0	0	—	19.0	20.0	31	00	7	12	2	0	0	—	21.2	—	5.2	20	—	2	—	78	0	tr.	—	157
ASWAN	02	9	32	4	1	5	1	17.6	20.0	21	01	9	32	1	1	3	1	19.9	+1.1	10.0	21	-3	7	-3	62	0	dr.	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	23.8	15.8	47	00	7	00	0	0	0	—	23.9	+3.5	2.5	17	-3	0	-4	77	0	2	6	148
BAHARIYA	00	9	00	0	0	0	—	21.8	17.5	46	00	9	00	0	0	0	—	23.8	+4.0	9.0	19	—	5	—	67	0	7	—	149
KHARGA	00	9	32	3	0	2	1	20.6	17.2	31	00	8	02	3	0	0	—	21.0	+1.7	10.3	18	-4	3	-3	55	0	4	—	151
DAKHLA	00	7	32	5	0	0	—	21.2	16.1	60	00	7	20	1	0	0	—	22.0	+2.0	8.0	17	-5	4	-1	75	0	tr.	—	152
RED SEA																													
TOR	00	7	28	4	0	0	—	17.9	17.3	52	00	7	32	2	0	0	—	21.2	+3.5	11.0	19	-2	6	-3	45	0	1	9	145
HURGHADA	02	7	30	6	2	5	1	18.6	17.5	47	00	9	28	3	0	0	—	20.7	+3.0	14.5	22	0	8	-2	39	0	8	—	146
QUSEIR	00	8	08	3	0	0	—	18.3	18.4	44	00	8	32	3	0	0	—	20.0	+2.7	13.8	20	-3	12	-2	53	0	20	—	147
PORT SUDAN																										0	81	89	169
NORTH SUDAN																													
WADI HALFA	01	8	30	5	1	5	2	17	21	11	02	9	28	2	1	5	2	20		9					50	0	0	—	165
KAREIMA	01	8	04	3	1	3	1	14	24	10	00	8	06	2	0	3	1	16		12					26	0	0	1	166
ATBARA	01	7	30	4	1	4	4,2	11	27	15	00	8	02	3	0	3	4	15		15					52	0	0	2	167
KHARTUM	,																									0	tr.	4	168
KASSALA	00	8	30	3	0	0	—	6	32	24	00	7	00	0	0	0	—	12		19					60	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	32	6	0	2	1	8	31	11	00	8	02	3	0	0	—	13		17					26	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	30	3	0	0	—	7	33	06																—	—	49	182
ROSEIRES	00	7	22	2	0	0	—	7	33	38	00	7	14?	2	0	0	—	13		20					46	0	1	36	172
EL OBEID	00	8	02	5	0	2	1	9	28	10	00	9	32	4	0	2	1	14		17					28	0	6	16	174
EL FASHER	00	9	02	3	0	3	1	—	27	16	05	7	32	1	0	4	2	—		13					38	0	5	6	175
GENEINA	00	8	06	2	1	3	1	—	30	05	01	7	32	3	0	3	1	—		14					13	—	—	4	179
KADUGLI	00	8	04	4	0	1	1	6	36	07	01	7	22?	2	0	4	1	11		20					18	—	—	89	187
S. SUDAN																													
MALAKAL	05	7	02	4	1	3	4	5	34	11	01	8	02	6	1	3	4	11		23					20	0	48	88	176
WAU	00	8	03	3	0	0	—	7	34	13	00	8	00	0	0	3	1	11		20					78	0	178	144	177
JUBA	02	8	32	9	1	5	4,2	4	38	25																0	149	145	178

UPPER WINDS ON 25th الرياح العليا يوم ٢٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8h. 45m.	MINYA	ASYUT 7h.	ASWAN 7h.	WADI HALFA 8h.	KAREIMA 8h.	FASHER 7h.	KASSALA 7h.	EL OBEID 7h.	MALAKAL 7h.	GENEINA 7h.
				02 04 30		02 05 15	02 02 15	10 05 25	10 04 20	10 03 30	10 09 05	10 04 40	10 03 80	10 04 25
				05 05 55		05 03 20	05 05 25	15 05 10	15 36 15	15 20	15 10 10	15 04 50	15 04 70	15 08 20
				08 06 60		10 05 15	10 06 20	20 07 15	20 31 25	20 35 05	20 22 05	20 04 30	20 05 50	20 20 10
				10 06 50		15 23 10	15 04 05	30 25 15	30 29 30	30 30 30	30 32 05		30 14 25	30 26 15
				15 07 35		20 00 00	20 08 20	40 28 40	40 27 30	40 27 30	40 34 15			40 30 15
						25 29 10	25 14 10	45 27 55	45 27 40	45 25 30	45 32 20			60 26 30
						30 27 10		50 24	50 28 40	50 32 20				
						40 25 40				60 27 35				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 24th	Diff. from normal	Wet bulb temp. °C on 24th	Diff. from normal
Alexandria	49	-17	8.7	-2.7
Ezbekiya	65	-2	9.3	-0.9
Giza	65	-7	8.7	-1.0
Helwan	61	+4	7.8	-1.3

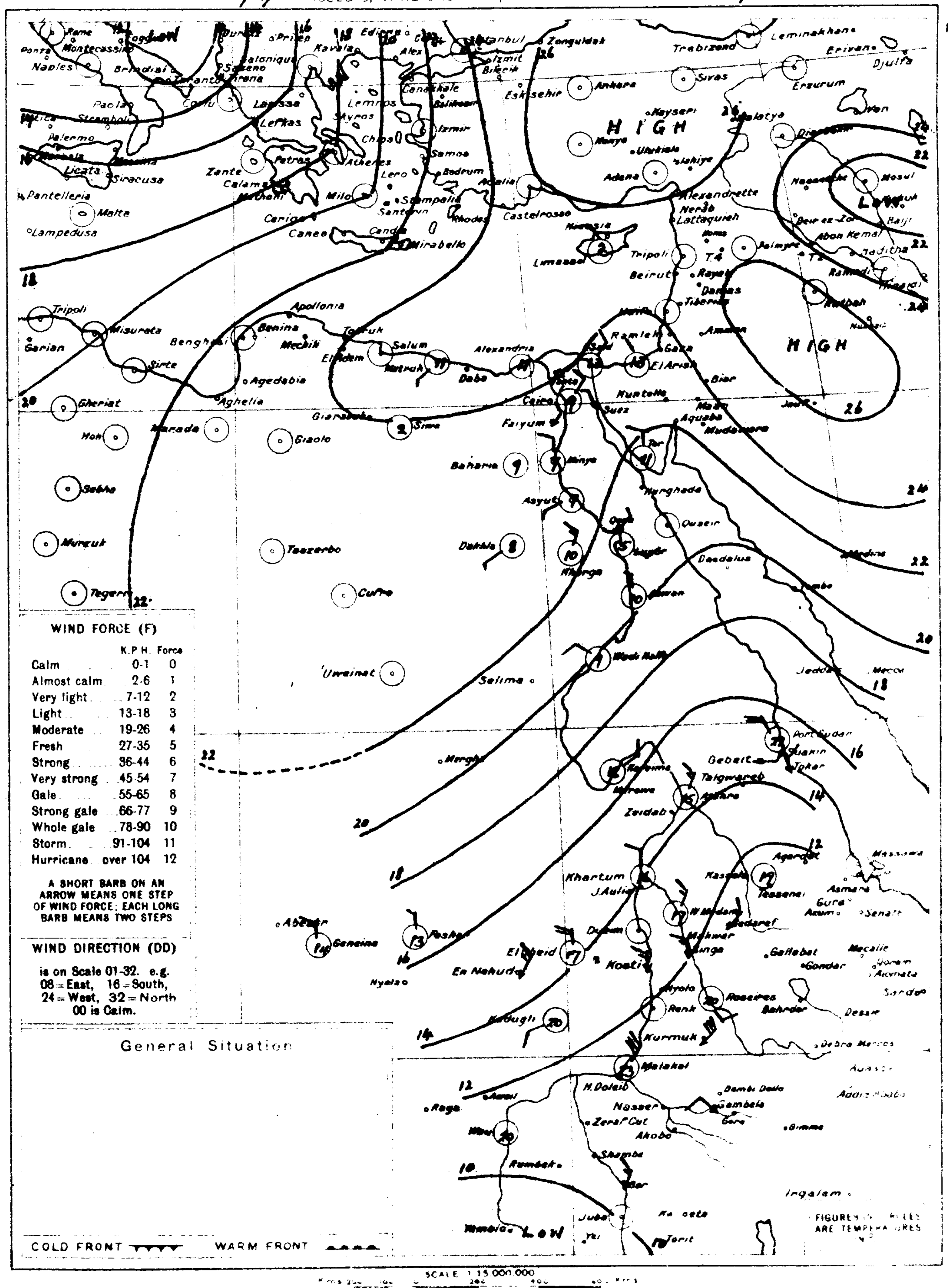
Giza Grass minimum on 25th -1.3 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
25-1	869	926
24-1	869	982

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	12.66	-0.71
Nasser		—	—	5.63	-0.30
Malakal		10.45	-0.52	10.46	-0.53
Roseires		—	—	12.03	+0.05
Sennar Res.		—	—	20.69	—
J. Aulia U.S		—	—	377.19	—
J. Aulia D.S		—	—	371.13	-0.64
Khartum		10.06	-0.69	10.08	-0.70
Kh. el Girba					
Atbara		10.25	-0.26	10.28	-0.25
Kajnarti		—	—	132.43	-1.22
Aswan Res.		121.00	—	121.00	—
Aswan D.S.		85.12	-1.15	85.11	-1.15
Roda (Cairo)		14.77	+0.06	14.77	+0.05

Isobars, Wind and Temperature at 8 h. 25-1-1945 ١٩٤٥/١/٢٥



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

STATION محطة	At 8 h. on 25th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Dry bulb °C	Max. yesterday	Max. diff. from norm	Min. today	Min. diff. from norm	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	00	0	0	0	—	22.8?	—	7.7	18	—	4	—	76	0	16	—
Limassol	00	9	30	2	0	0	—	24.0	+6.8	2	—	—	—	—	—	0	469	278

SHIPS سفن

Remarks

Water Temp River Nile Cairo 14.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	15
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended now Rain	91
with Hail	94-96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/904) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 49 m
Sunset 17 h 27 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JANUARY, 1945 ١٩٤٥ شهر يناير

Region	Station	14h 25th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8h Friday 26th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
Mediterranean	SALUM																													130
	MATRUH	01	9	04	2	1	5	8	22.8	14.7	69	01	8	24	2	1	5	6	23.4	+5.5	11.7	19	+1	7	-2	85	0	71 64	110	131
	DIKHEILA																													150
	ALEXANDRIA	02	8	00	0	2	6	8	23.0	14.4	56	02	8	32	4	2	6	5	22.2	+3.8	14.0	17	-1	11	+1	51	0	173	137	132
	DAMIETTA	02	8	30	3	1	5	6	22.8	13.8	59	01	8	32	3	1	4	8	20.7	—	13.4	15		11		66	0	79	65	159
	PORT SAID	01	8	04	2	1	4	8	22.7	15.6	48	02	8	02	5	1	6	9	20.3	+3.0	14.3	18	-1	12	+1	65	0	62	48	134
	EL ARISH	00	9	02	1	1	3	8	22.6	15.0	41	00	9	00	0	0	0	—	20.8	+2.8	13.2	—	—	10	+3	81	0	183	49	135
Lower Egypt	DAMANHUR	02	7	04	3	2	5	8	23.0	15.0	54	01	5	32	2	1	4	4	22.4	+4.3	11.2	18	-2	8	+1	82	0	58	59	136
	MANSURA	01	7	32	2	1	4	8	22.7	15.6	48	02	6	32	2	2	5	9	20.7	—	11.2	18	-2	8	+1	73	0	43	28	137
	TANTA	01	8	04	1	1	4	8	22.2	16.0	50	02	6	00	0	2	7	7	22.0	+3.6	9.5	18	-2	2	-4	80	0	37	21	138
	ZAGAZIG	00	6	12	2	0	3	9	21.9	15.6	60	02	5	24	2	1	5	7	21.1	+2.5	10.4	16	-4	6	0	91	0	36	15	139
Middle Egypt (Cairo)	ALMAZA	00	8	06	4	0	1	8	21.6	16.9	35	03	7	04	1	1	8	6	21.0	—	8.2	17		6		83	0	40	—	141
	EZBEKIYA	00	7	04	2	0	0	—	21.4	17.1	39	03	5	32	1	2	8	8	20.7	+1.8	7.9	18	-2	6	-2	86	0	37	14	
	GIZA	00	8	04	2	0	0	—	21.1	16.0	35	09	5	32	1	2	6	8	20.8	+1.4	8.3	17	-2	2	-3	87	0	34	15	
	HELWAN	00	8	04	5	0	0	—	20.6	16.0	32	02	6	32	3	2	6	6	20.4	+1.2	10.2	16	-3	8	0	72	0	46	15	143
	SUEZ	00	9	02	4	0	0	—	21.1	16.2	42	00	8	30	2	0	3	8	19.8	+1.7	10.8	18	-2	7	-3	73	0	36	10	144
Upper Egypt	FAIYUM	00	8	32	4	0	0	—	20.3	17.0	37	01	8	32	3	1	3	8	20.3	+1.4	8.2	17	-4	6	0	79	0	72	4	153
	MINYA	00	9	32	3	0	0	—	18.8	17.9	36	00	6	32	2	4	0	—	20.0	+0.4	6.4	18	-2	4	-2	79	0	1		154
	ASYUT	00	7	22	1	0	0	—	18.7	17.5	51	00	6	22	1	0	0	—	19.8	-0.2	6.0	19	-1	3	-3	85	0	14	4	155
	QENA	00	8	22	1	0	0	—	16.6	19.2	51	05	7	22	4	0	0	—	18.0	-0.7	10.	21	-2	6	-1	63	0	20		156
	LUXOR	00	7	08	1	0	0	—	17.0	23.0	38	00	7	08	2	0	0	—	17.6	—	10.4	23		4		68	0	tr.		157
	ASWAN	00	9	32	1	0	0	—	15.2	20.0	22	00	9	00	0	0	0	—	16.6	-2.1	13.3	23	-1	8	-2	63	0	dr.	—	158
Western Desert	SIWA	00	8	27	2	0	0	—	22.4	—	56	00	7	00	0	0	0	—	23.9	+3.5	4.5	18	-2	1	-3	76	0	2	6	148
	BAHARIYA	00	9	00	0	0	0	—	21.0	17.5	48	00	9	08	1	0	0	—	21.5	+1.8	8.5	19		5		66	0	7		149
	KHARGA	00	9	32	2	0	0	—	18.0	19.7	22	00	8	04	1	0	0	—	19.6	+0.3	6.6	20	-3	3	-3	67	0	4	—	151
	DAKHLA	00	8	28	3	0	0	—	—	17.9	64	00	7	28	1	0	0	—	21.1	+1.1	7.2	19	-3	6	+1	—	0	tr.		152
Red Sea	TOR	00	7	28	2	0	0	—	18.2	20.3	41	00	7	32	2	0	0	—	16.6	-1.1	11.6	20	-1	5	-4	57	0	1	9	145
	HURGHADA	00	9	30	3	0	0	—	18.6	17.9	41	00	9	28	4	0	0	—	17.2?	-0.4	13.6	19	-3	8	-2	55	0	8	—	146
	QUSEIR	00	8	32	4	0	0	—	18.0	18.3	66	02	8	28	3	1	5	4	15.1	-2.2	13.8	20	-3	13	-1	52	0	20	—	147
	PORT SUDAN																										0	81	89	169
North Sudan	WADI HALFA	00	9	30	3	1	1	4	16	23	20	00	9	28	2	0	3	2	17		9					40	0	0		165
	KAREIMA	02	8	04	2	1	5	2	13	26	16	01	8	02	1	1	4	2	17		12					55	0	0	1	166
	ATBARA	01	8	30	3	1	4	2	10	27	30	01	8	32	2	1	3	1	14		13					51	0	0	2	167
	KHARTUM																										0	tr.	4	168
	KASSALA	00	8	06	3	0	0	—	7	32	15	00	8	00	0	0	2	1	12		19					64	0	9	8	170
Central Sudan	WAD MEDANI	01	8	02	1	0	3	1	8	32	15	01	8	02	4	1	4	1	14		19					23	0	8	12	171
	DUEIM																										0	4	13	173
	RENK	00	9	30	3	0	0	—	6	32	13	00	9	32	3	0	0	—	—		20					26	—	—	49	182
	ROSEIRES	00	8	32	2	0	0	—	7	33	21	00	8	32	2	0	0	—	14?		18					56	0	1	36	172
	EL OBEID	02	9	32	4	1	7	2	8	29	17	02	9	32	3	1	6	4,1	15		17					32	0	6	16	174
	EL FASHER	02	8	12	1	1	7	—	—	27	17	02	9	30	1	1	6	2	—		14					32	0	5	6	175
	GENEINA	02	8	04	2	1	8	2	—	30	06	02	8	32	3	1	8	2	—		16					19	—	—	4	179
	KADUGLI	01	8	02	4	1	4	1	7	33	06	00	8	24	1	0	3	1	15		—					—	—	—	89	187
S. Sudan	MALAKAL	01	8	02	4	1	4	1	6	34	12	01	8	02	5	1	3	4	12		23					20	0	48	88	176
	WAU	00	8	02	1	0	2	1	7	34	09	00	8	00	0	0	3	4	12		17					46	0	178	144	177
	JUBA	01	8	04	4	1	4	8	5	37	33																0	149	145	178

At 14 h on 25th — الساعة ١٤ يوم ٢٥ ; At 8 h. on FRIDAY 26th — الساعة ٨ يوم الجمعة ٢٦

UPPER WINDS ON 26th — الرياح العليا يوم ٢٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA 7 h	KAREIMA 7 h	KHARTUM	KASSALA 7 h	EL OBEID 7 h	MALAKAL	JUBA
								10 36 30	10 35 20		10 05 10	10 04 40		
								15 35 25	15 33 30		15 30 05	15 02 30		
								20 33 30	20 32 35		20 29 05	20 33 25		
								30 27 30	30 30 35		30 31 15	30 29 25		
									40 29 40					

Forecast for 24 hours from noon on

تغيرت طقس المنطقة و ٢٤ ساعة من ظهر يوم

Mean of day

Station	Humidity % on 25th	Diff. from normal	Wet bulb temp. °C on 25th	Diff. from normal
Alexandria	58	-8	8.9	-2.5
Ezbekiya	60	-6	8.4	-1.8
Giza	73	+1	7.6	-2.1
Helwan	54	-3	7.6	-1.5

Giza Grass minimum on 26th 0.0 °C

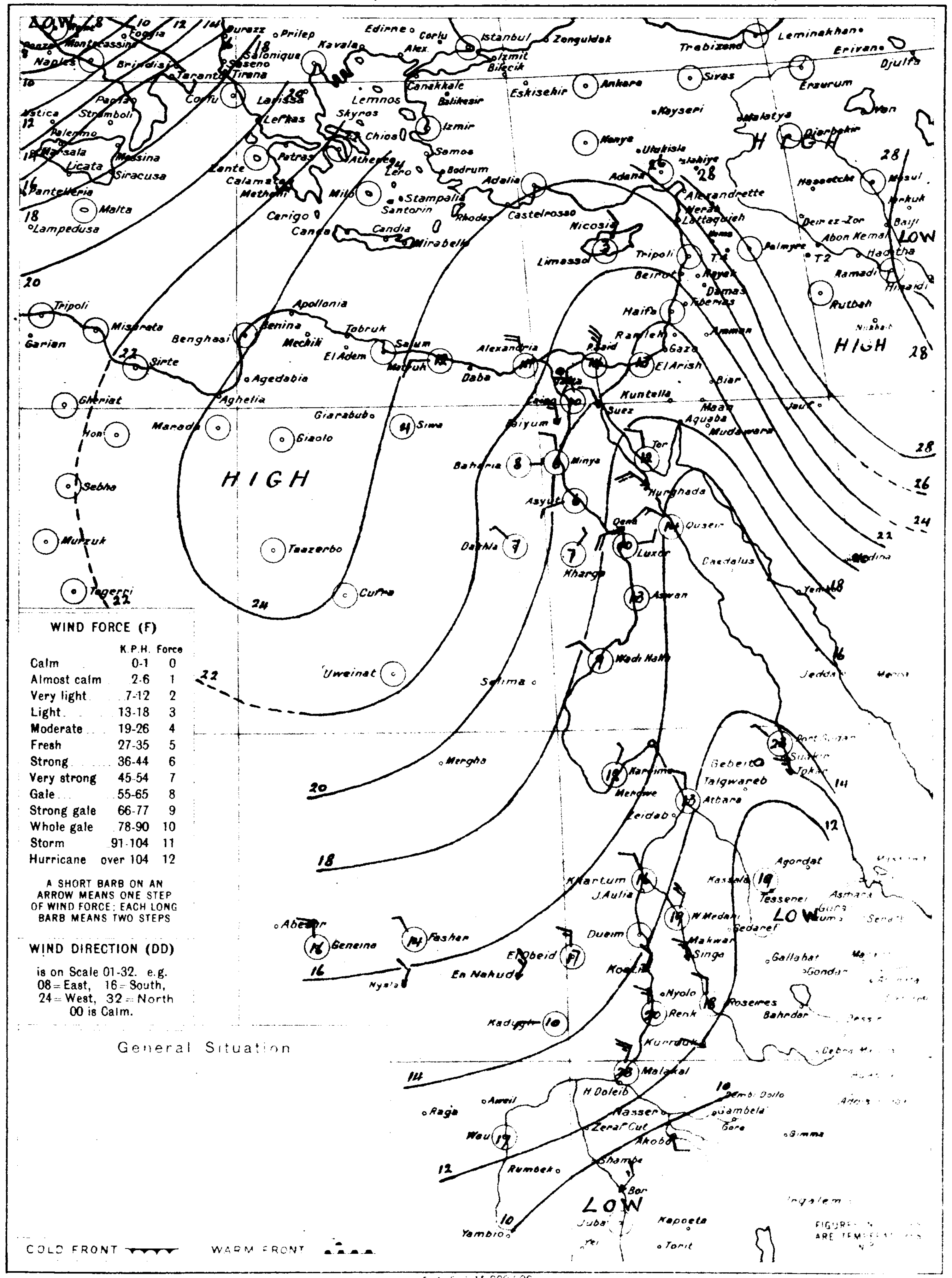
Discharges at Aswan measured by sluices m³ per sec

Date	1945	1944
26-1	869	845
25-1	869	926

Gauge

Gauge	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	1945, 26-1	12.65	-0.72	12.65	-0.72
Nasser		5.58	-0.25	5.60	-0.28
Malakal		10.43	-0.52	10.45	-0.52
Roseires		11.99	+0.05	12.01	+0.05
Sennâr Res		20.70	—	20.69	—
J. Aulia U.S		377.12	—	377.17	—
J. Aulia D.S		370.96	-0.77	371.05	-0.70
Khartum		9.98	-0.74	10.06	-0.69
Kh. el Girba					
Atbara		10.22	-0.28	10.25	-0.26
Kajnarti		133.42	-1.16	133.42	-1.19
Aswan Res.		121.00	—	121.00	—
Aswan D.S.		85.12	-1.16	85.12	-1.15
Roda (Cairo)		14.79	+0.08	14.77	+0.06

٢٦-١-١٩٤٥ Isobars, Wind and Temperature at 8 h. 26 - 1 - 1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

SCALE 1:15,000,000

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rainfall Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
N Hamadi	00	8	26	1	0	0	—	17.4	—	8.0	20	—	3	—	72	0	16	—
Limassol	00	9	02	2	1	0	—	22.4	+5.3	3	—	—	—	—	—	0	469	282
SHIPS																		

At 8 h. on 26th — الساعة ٨ يوم ٢٦

Remarks: Water Temp. River Nile Cairo 14.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
with Hail	93, 96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog,	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38 554) 1939 (39 ...)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 46 m
Sunset 17 h 28 m

Month *JANUARY* 1946 ١٩٤٥ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 26th ٢٦ الساعة ١٤ يوم — At 8 h. on SATURDAY 27th ٢٧ السبت الساعة ٨ يوم

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																													
SALUM																												—	130
MATRUH	01	9	28	3	1	4	8	22.7	15.2	80	00	9	20	1	0	0	—	23.0	+5.1	11.2	16	-2	8	-1	80	0	71 tr	112	131
DIKHEILA																												—	150
ALEXANDRIA	01	9	04	4	2	6	8	21.8	15.8	42	00	8	00	0	0	0	—	22.8	+4.4	14.4	18	0	11	+1	63	0	173	139	132
DAMIETTA	02	8	30	4	1	5	8	20.2	14.9	71	00	7	04	1	1	3	6	22.6	—	12.9	15	—	10	—	77	0	79	66	159
PORT SAID	06	7	30	6	2	5	8	19.8	16.1	62	01	8	02	4	1	3	8	22.0	+4.8	14.4	19	0	12	+1	60	0	62	49	134
EL 'ARISH	00	9	30		0	0	—			54	01	9	00	0	1	3	8	22.0	+4.1	16.5	20	+2	10	+2	65	0	183	49	135
LOWER EGYPT																													
DAMANHUR	02	6	32	4	2	8	4	21.6	15.3	56	00	6	28	2	0	0	—	22.7	+4.7	8.4	17	-3	5	-2	87	0	58	60	136
MANSURA	02	7	28	2	2	5	9	20.6	16.2	49	01	7	04	2	1	3	8	22.6	—	11.1	18	-2	8	+1	72	0	43	28	137
TANTA	02	8	28	4	1	6	8	21.2	17.0	58	00	7	00	0	0	0	—	22.7	+4.4	8.0	17	-3	3	-3	93	0	37	22	138
ZAGAZIG	02	5	28	5	1	5	8	20.0	17.2	61	02	6	02	2	1	5	9	22.2	+3.6	8.6	19	-1	6	0	91	0	36	15	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	01	8	02	4	1	5	6	21.1	15.6	52	05	6	06	1	0	1	8	22.4	—	9.0	17	—	7	—	77	0	40	—	141
EZBEKIYA	02	8	32	2	1	5	8	19.8	17.8	37	08	4	02	1	4	0	—	22.6	+3.8	9.1	18	-2	6	-2	87	0	37	14	—
GIZA	02	8	02	2	1	5	8	19.6	15.9	44	08	4	00	0	4	0	—	22.4	+3.0	7.0	17	-2	3	-2	92	0	34	15	—
HELWAN	01	7	30	8	1	4	8	19.6	15.6	41	05	6	02	3	0	1	4	22.0	+2.8	10.8	16	-3	9	+1	72	0	46	15	143
SUEZ	02	7	26	3	1	5	9	18.7	17.4	49	00	9	30	1	0	3	9	21.5	+3.4	11.4	22	+2	7	-3	79	0	36	10	144
UPPER EGYPT																													
FAIYUM	01	8	32	4	1	4	8	19.9	16.9	46	01	7	32	2	1	3	8	22.8	+3.9	8.2	17	-4	5	-1	79	0	72	4	153
MINYA											02	7	28	2	2	5		21.1	+1.6	7.3	18	-2	5	-1	85	0	1	—	154
ASYUT	00	8	30	2	0	0	—	18.0	17.1	51	01	6	22	1	1	5	5	21.1	+1.1	7.1	20	-1	5	-1	88	0	14	4	155
QENA	00	8	22	3	0	0	—	18.6	19.2	42	02	7	28	2	0	5	1	19.6	+1.0	8.8	20	-3	7	0	81	0	20	—	156
LUXOR	00	7	26	2	0	0	—	15.8	22.8	21	00	7	08	2	0	0	—	20.2	—	10.0	25	—	3	—	66	0	tr.	—	157
ASWAN	00	9	04	2	0	0	—	14.4	22.4	27	00	9	00	0	0	0	—	19.4	+0.7	10.8	23	-1	7	-3	54	0	do.	—	158
WESTERN DESERT																													
SIWA	00	8	28	3	0	0	—	23.2	16.0	57	00	7	00	0	0	0	—	24.2	+3.9	3.6	17	-3	-1	-5	72	0	2	6	148
BAHARIYA	00	9	08	1	0	0	—	21.9	15.5	54	00	9	00	0	0	0	—	24.3	+4.7	6.0	17		3		78	0	7	—	149
KHARGA	01	7	32	4	1	4	5	18.0	18.0	27	00	8	32	2	0	3	1	20.6	+1.4	10.0	19	-4	7	+1	66	0	4	—	151
DAKHLA	00	8	28	5	0	0	—	17.5	15.6	62	00	7	20	2	0	0	—	22.2	+2.3	6.0	17	-5	5	0	85	0	tr.	—	152
RED SEA																													
TOR											00	7	32	2	0	3	1	18.4	+0.7	11.7	20	-1	7	-2	53	0	1	9	145
HURGHADA	00	9	30	6	0	0	—			47	02	7	28	5	2	5	1	19.1	+1.6	13.1	21	-1	10	0	66	0	8	—	146
QUSEIR	00	8	32	4	0	0	—	14.3	20.0	47	00	8	18	4	0	0	—	16.7	-0.5	14.3	21	-2	13	-1	54	0	20	—	147
PORT SUDAN																										0	81	89	169
NORTH SUDAN																													
WADI HALFA	01	8	28	4	1	3	1	16	22	13	01	8	28	2	1	3	2	19		8					62	0	0	—	165
KAREIMA	02	8	06	3	1	6	2	13	27	08	01	8	06	2	1	6	2	17		12					55	0	0	1	166
'ATBARA	01	7	30	3	1	5	4,2	10	27	17	01	8	30	3	1	5	2	15		15					25	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	9	30	3	0	2	1	6	32	28	01	8	30	2	1	3	2	13		18					37	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	01	8	02	2	1	5	1	8	32	06	00	8	02	4	0	3	1	14		16					19	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	3	0	0	—	7	32	18	00	9	28	3	0	0	—	12		19		—		—	19	—	—	49	182
ROSEIRES	0										00	7	28	2	0	0	—	13		18					37	0	1	36	172
EL OBEID	02	9	04	4	1	5	2	7	28	10	00	9	32	4	0	0	—	15		14						0	6	16	174
EL FASHER	02	9	04	2	1	6	2	—	27	16	0	9			0			—		9					58	0	5	6	175
GENEINA	00	8	04	2	1	2	1	—	31	08	00	8	04	3	0	1	1	—		14					13	—	—	4	179
KADUGLI	01	8	02	3	0	4	1	7	34	09	00	8	04	2	0	0	—	13		19					23	—	—	89	187
S. SUDAN																													
MALAKAL	01	8	02	4	1	4	4	6	34	14	00	8	02	5	0	3	1	12		21					18	0	48	88	176
WAU	00	8	06	3	0	0	—	6	35	10	00	8	00	0	0	3	4	11		18					37	0	178	144	177
JUBA	01	8	12	2	1	4	8	6	37	24																0	149	145	178

UPPER WINDS ON 27th ٢٧ الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Salum	Matruh	Dikheila	Port Said	Helwan (8 h. 48 m.)	Minya	Asyut (7 h.)	Aswan (7 h.)	Wadi Halfa (7 h.)	Kareima (8 h.)	Fasher (7 h.)	Kassala (7 h.)	El Obeid (7 h.)	Malakal (7 h.)	Geneina (7 h.)
				02 06 10		02 32 15	02 36 20	10 04 45	10 01 15	10 04 25	10 03 25	10 03 55	10 03 —	10 04 45
				05 05 50		05 02 25	08 02 28	15 04 35	15 33 10	15 05 35	15 09 10	15 04 25	15 04 65	15 05 —
				08 04 40		10 04 35	10 03 15	20 05 40	20 30 20	20 27 20	20 22 15	20 07 15	20 06 50	20 25 15
				10 04 45		15 03 35	15 05 15	25 05 45	30 23 15	30 29 25		30 33 35	25 08 40	30 25 20
				15 04 45		20 03 40	20 04 30		40 30 40	40 28 35		40 29 30		
				20 05 40			25 25 15			45 30 45		45 30 30		
				23 04 40			30 01 30			50 26 25		50 27 25		
				25 01 15						55 25 20				
				30 36 35										
				32 30 25										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Mean of day

Station	Humidity % on 26th	Diff. from normal	Wet Bulb Temp. °C on 26th	Diff. from normal
Alexandria	56	-10	9.8	-1.5
Ezbekiya	72	+6	9.3	-1.0
Giza	73	+1	8.7	-1.0
Helwan	62	+5	8.8	-0.3

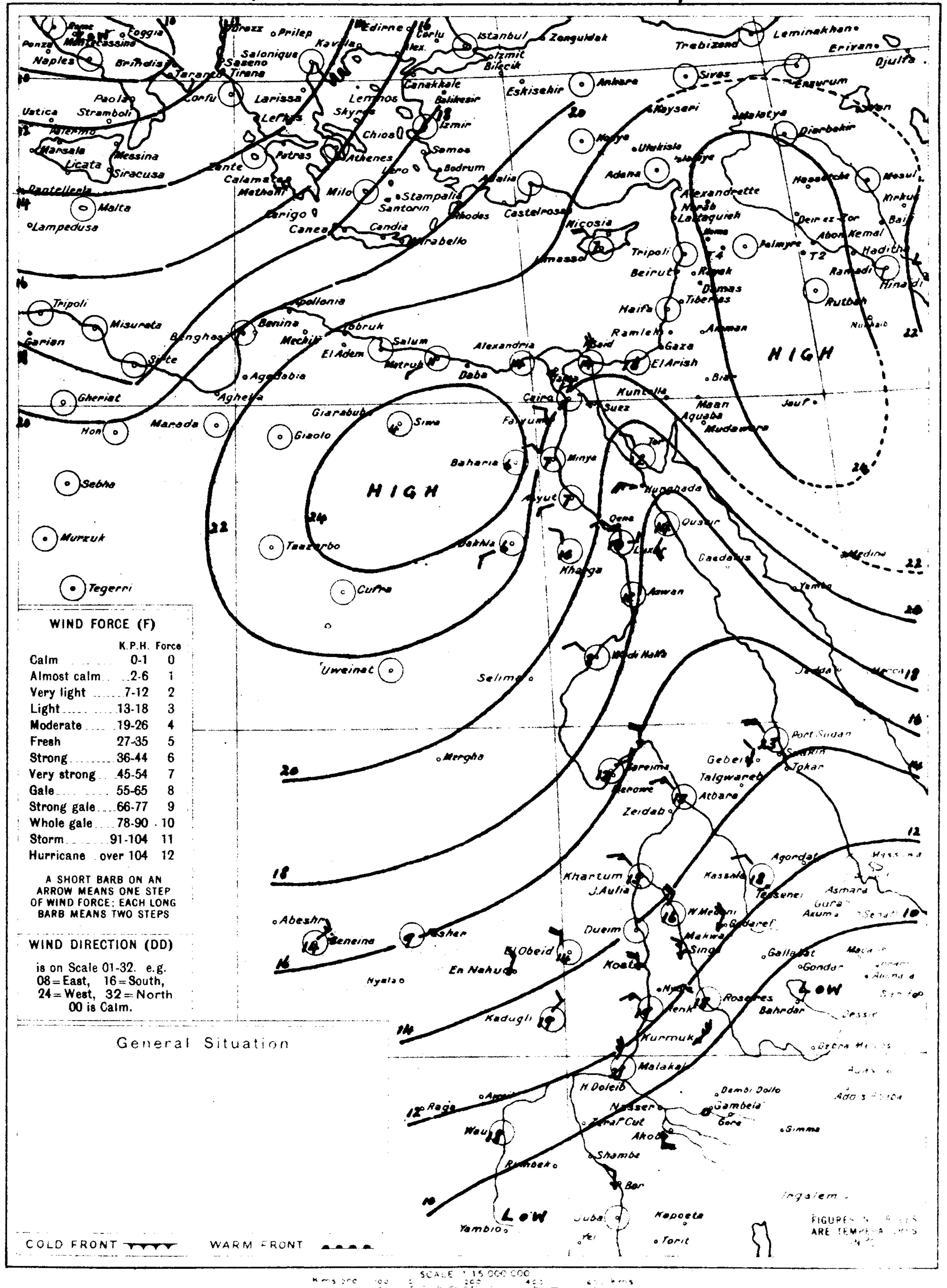
Giza Grass minimum 27th 0.0 °C

Discharges at Aswan measured by sluices m.³ per sec.

Date	1945	1944
27-1	869	810
26-1	869	845

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	27-1	—	—	12.65	-0.72
Nasser		—	—	5.58	-0.28
Malakal		10.41	-0.51	10.43	-0.52
Roseires		11.97	+0.04	11.99	+0.08
Sennar Res.		—	—	20.70	—
J. Aulia U.S.		—	—	377.12	—
J. Aulia D.S.		—	—	370.96	-0.77
Khartum		—	—	9.98	-0.74
Kh. el Girba					
'Atbara		10.18	-0.31	10.22	-0.28
Kajnarti		—	—	132.43	-1.16
Aswan Res.		120.98	—	121.00	—
Aswan D.S.		85.11	-1.19	85.12	-1.16
Roda (Cairo)		14.79	+0.07	14.79	+0.08

Isobars, Wind and Temperature at 8 h. ١٩٤٥-١-٢٧ 27-1-45



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

At 8 h. on 27th ٢٧ الساعة ٨ يوم

Station محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	9	30	4	0	0	—	21.8	+4.7	7	—	—	—	—	—	0	469	285
Mughamadi	00	8	26	1	0	0	—	20.2	—	8.0	18	—	4	—	83	0	16	—

SHIPS سفن

Remarks

WATER TEMP. RIVER NILE CAIRO 14.0 C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in last hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94, 96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 48 m
Sunset 17 28

Month *JANUARY* 1945 ١٩٤٥ شهر يناير

MINISTRY OF PUBLIC WORKS   PHYSICAL DEPARTMENT   1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 27th ٢٧ الساعة ١٤ يوم — At 8 h. on SUNDAY 28th الساعة ٨ يوم الأحد ٢٨

Region	Station	14h Present weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs PPP	14h °C Temp TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. pressure M.S.L. 1000+ mbs PPP	8h Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALÛM																													130
	MATRÛH	00	9	32	1	0	0	—	21.4	15.9	78	00	9	16	1	0	0	—	18.8	+1.0	11.2	18	0	6	-3	77	0	71	113	131
	DIKHEILA																													150
	ALEXANDRIA	02	9	00	0	2	5	8	22.2	17.	57	00	7	00	0	0	0	—	19.5	+1.1	14.0	20	+2	10	0	64	0	173	141	132
	DAMIETTA	01	8	06	2	1	3	8	21.6	16.8	61	04	5	00	0	1	3	6	18.7	—	10.0	17	—	7	—	99	0	79	67	159
	PORT SAÏD	00	8	02	2	0	0	—	21.4	18.2	60	00	8	10	2	0	3	8	19.0	+1.8	11.8	19	0	10	-1	86	0	62	50	134
	EL 'ARÎSH	00	9	02	1	0	0	—	21.4	16.0	52	00	9	00	0	0	0	—	19.2	+1.3	11.2	20	+2	9	+2	78	0	183	50	135
LOWER EGYPT	DAMANHÛR	02	7	04	3	1	5	8	21.6	17.0	60	00	6	04	2	0	0	—	19.1	+1.1	8.3	18	-2	6	-1	88	0	58	60	136
	MANṢURA	01	8	02	2	1	4	8	21.8	17.7	47	00	8	02	2	0	0	—	18.8	—	9.5	19	-1	7	0	89	0	43	29	137
	TANTA	01	8	28	1	1	4	8	21.0	18.2	46	00	8	00	0	0	0	—	19.4	+1.2	7.6	19	-1	2	-4	93	0	37	22	138
	ZAGAZIG	00	7	02	2	0	1	8	21.8	17.2	60	04	4	04	2	4	0	—	18.8	+0.3	5.1	19	-1	3	-3	100	0	36	15	139
MIDDLE EGYPT (CAIRO)	ALMAZA	00	7	06	3	0	0	—	22.7	16.9	44	00	7	10	1	0	0	—	19.1	—	9.2	18	—	6	—	84	0	40	—	141
	EZBEKIYA	00	8	06	3	0	0	—	20.4	18.8	36	08	4	02	1	4	0	—	18.8	-0.5	9.8	20	0	6	-2	70	0	37	14	—
	GIZA	00	8	04	3	0	0	—	19.9	17.4	43	47	2	28	1	4	9	—	18.4	-0.9	5.7	18	-1	3	-2	94	0	34	15	—
	HELWAN	00	8	32	4	1	0	—	20.3	16.9	36	09	5	00	0	0	0	—	18.3	-0.8	9.2	17	-2	6	-2	78	0	46	15	143
	SUEZ	01	8	32	2	0	3	8	20.8	17.8	46	00	9	32	1	0	0	—	18.4	+0.4	11.4	19	-1	7	-3	71	0	36	10	144
UPPER EGYPT	FAIYÛM	00	8	02	3	1	2	8	19.9	18.1	47	08	4	00	0	0	2	8	19.0	+0.2	7.2	18	-3	4	-2	87	0	72	4	153
	MINYA											01	7	30	1	1	3	2	18.3	-1.1	7.7	19	-1	3	-3	75	0	1	—	154
	ASYUT	01	7	22	1	1	4	2	18.8	17.6	47	00	6	22	1	0	0	—	18.4?	-1.5	8.0	21	0	4	-2	79	0	14	4	155
	QENA	02	8	24	2	1	5	1	17.8	17.1	49	01	7	32	2	1	4	1	18.4	-0.2	9.0	18	-5	5	-2	70	0	20	—	156
	LUXOR	02	7	06	1	2	6	6	18.0	19.5	49	00	7	24	2	0	0	—	18.4	—	10.4	19	—	2	—	70	0	tr.	—	157
	ASWAN	02	9	32	2	1	5	1	15.5	22.6	22	02	9	32	3	1	5	4	16.6	-2.1	12.6	23	-1	9	-1	48	0	dr.	—	158
WESTERN DESERT	SIWA	00	8	24	2	0	0	—	22.2	16.8	56	00	7	00	0	0	0	—	20.3	0.0	3.0	18	-2	-2	-6	74	0	2	6	148
	BAHARIYA	00	9	00	0	0	0	—	20.6	17.5	48	00	9	00	0	0	0	—				19		5		67	0	7	—	149
	KHARGA	02	9	32	4	2	5	2	18.7	16.8	37	00	8	28	1	0	2	1	17.8	-1.4	7.5	18	-5	2	-4	62	0	4	—	151
	DAKHLA	00	8	24	2	0	0	—	19.2	16.7	54	00	7	24	1	0	0	—	18.8	-1.1	5.2	17	-5	2	-3	81	0	tr.	—	152
RED SEA	TÔR	00	7	28	3	0	0	—	17.5	19.6	56	00	7	02	2	0	0	—	17.6	-0.1	11.2	21	0	7	-2	71	0	1	9	145
	HURGHÂDA	02	8	30	5	2	5	1	18.4	19.8	37																	8	—	146
	QUSEIR	00	8	32	3	0	0	—	17.9	20.8	31	00	8	28	1	0	0	—	16.0	-1.1	14.9	21	-2	13	-1	72	0	20	—	147
	PORT SUDAN																										0	81	90	169
NORTH SUDAN	WADI HALFA	01	9	32	3	1	3	4,1	16	20	21	01	9	00	0	1	4	1	16		9					54	0	0	—	165
	KAREIMA	02	8	06	2	1	5	1	13	24	13	01	8	00	0	1	3	2	15		11					38	0	0	1	166
	'ATBARA	01	7	30	4	1	5	4,2	10	26	11	01	8	32	3	1	5	4,2	12		16					42	0	0	2	167
	KHARTÛM																										0	tr.	4	168
	KASSALA	00	8	00	0	1	2	1	6	31	26	01	8	00	0	1	5	2	10		20					60	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	00	8	32	2	0	3	1	8	29	08	01							12		15.					16	0	8	12	171
	DUEIM																										0	4	13	173
	RENK	00	9	28	3	0	0	—	8	30	13	00	9	28	3	0	0	—	12		17					28	—	—	49	182
	ROSEIRES	00	7	32	2	0	0	—	9	31	41	00	7	28	2	0	0	—	13		17					37	0	1	36	172
	EL OBEID	00	9	32	3	0	0	—	9	26	—	00	9	30	3	0	2	1	13		18					16	0	6	16	174
	EL FASHER	00	9	04	2	0	2	1	—	25	19	01	9	32	2	0	4	1	—		12					38	0	5	6	175
	GENEINA	00	8	04	3	0	0	—	—	28	16	02	6	04	2	1	6	1	—		12					24	—	—	4	179
	KADUGLI	00	8	02	4	0	0	—	8	32	06	00	8	12	2	0	0	—	12		19					19	—	—	89	187
S. SUDAN	MALAKÂL	01	9	02	4	1	4	4	6	32	17	02	8	02	5	1	5	4	10		21					14	0	48	88	176
	WAU	00	6	02	2	0	0	—	8	33	09	01	8	00	0	0	3	4,1	12		18					37	0	178	144	177
	JUBA	05	7	08	4	1	3	1	5	37	18	05	7	02	2	1	5	2	11		23					41	0	149	145	178

UPPER WINDS ON 28th الرياح العليا يوم ٢٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN 8 h 45 m	MINYA h m	ASYUT 7 h m	ASWAN 7 h m	WADI HALFA 7 h m	KAREIMA 8 h m	[illegible] 7 h m	KASSALA 7 h m	EL OBEID 7 h m	MALAKAL 7 h m	JUBA 7 h m
				02 28 02		02 29 03	02 36 28	10 05 20	10 04 20	10 02 20	10 13 05	10 03 28	10 03 —	10 02 30
				05 08 25		05 08 05	05 04 25	15 15 10	15 04 10	15 08 05	15 07 05	15 10 05	15 05 40	15 03 35
				08 12 10		10 00 00	10 09 10	20 10 10	20 26 20	20 27 40	20 02 05	20 33 30	20 09 10	20 04 35
				10 11 05		15 19 05			30 26 30	25 27 40	30 01 30	25 31 35	25 11 10	25 05 35
				15 24 05		20 00 00		40 26 55	40 14 30		40 30 20			
				20 25 10		25 25 10		45 27 —			45 28 20			
				25 25 10		30 22 20		50 26 —			50 28 30			
				30 27 20				55 26 —						
				40 22 40										
				45 23 50										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 27th	Diff. from normal	Wet bulb temp °C on 27th	Diff. from normal
Alexandria	62	-4	11.7	+0.4
Ezbekiya	67	+1	9.7	-0.4
Giza	69	-2	9.1	-0.7
Helwan	88	+1	9.3	+0.2

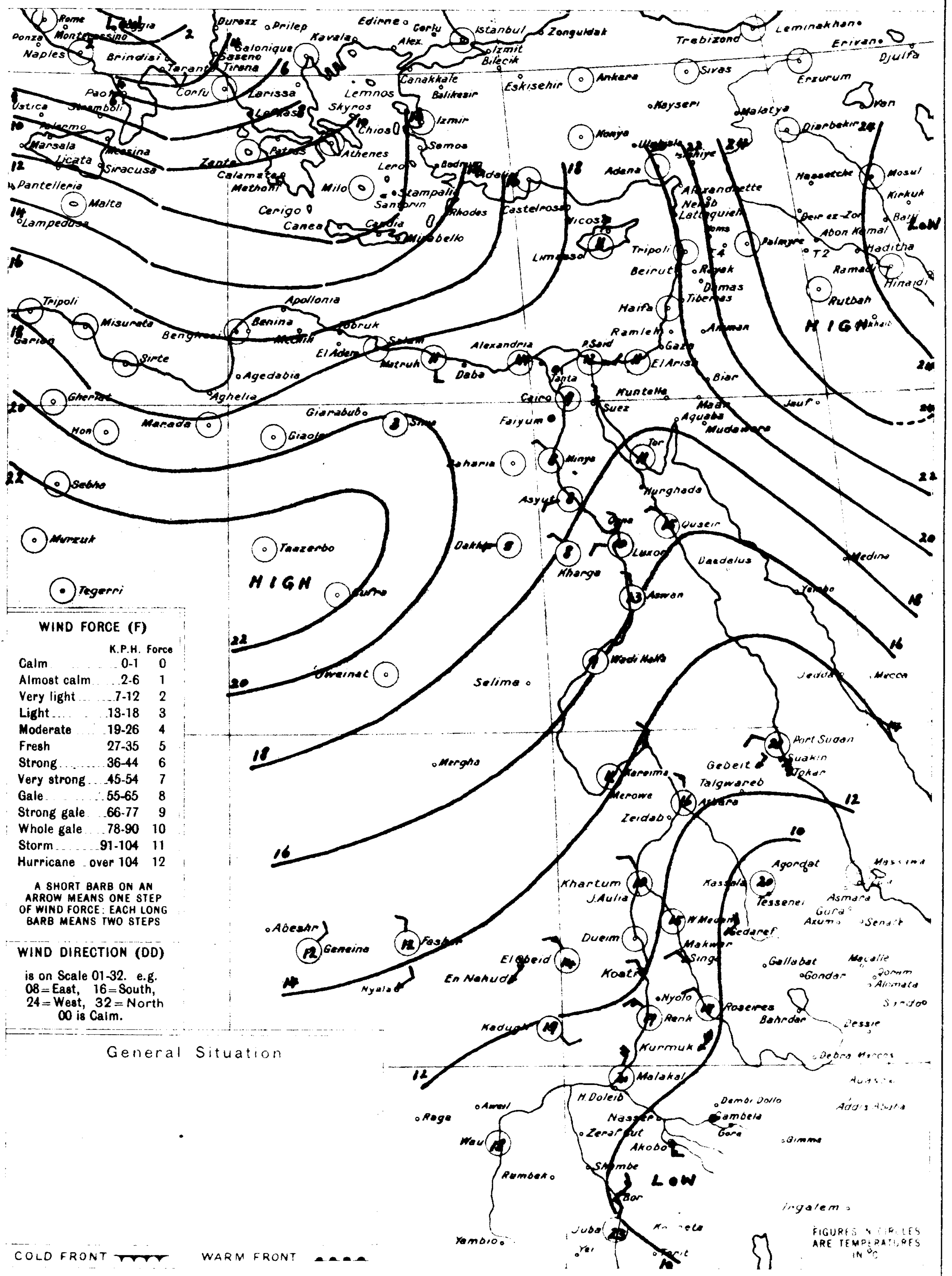
Giza Grass minimum on 28th: 0.1 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
28-1	926	1042
27-1	869	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser		—	—	5.55	-0.24
Malakâl		10.40	-0.49	10.41	-0.51
Roseires		11.94	+0.01	11.97	+0.04
Sennâr Res		—	—	20.68	—
J. Aulia U.S		—	—	377.17	—
J. Aulia D.S		—	—	370.39	-0.42
Khartûm		9.36	-0.31	9.39	-0.31
Kh. el Girba					
'Atbara		—	—	10.18	-0.31
Kajnarti		—	—	132.42	-1.14
Aswân Res.		120.95	—	120.98	—
Aswân D.S.		88.22	-1.10	88.11	-1.19
Rôda (Cairo)		14.79	+0.05	14.79	+0.07

٢٨-١-٤٥ Isobars, Wind and Temperature at 8 h. 28-1-45



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT   WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000 000

At 8 h. on 28th الساعة ٨ يوم ٢٨

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs	Rainfall Total from Oct 1	Rainfall Normal from Oct 1
Limassol	02	6	02	1	6	7	—	19.0	+2.0	11	—	—	—	—	—	2	471	289
Naghamadi	00	8	00	0	0	0	—	17.6	—	8.4	18	—	2	—	76	0	16	—

SHIPS سفن

Remarks

WATER TEMP. RIVER NILE CAIRO 13.8 °C

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 47 m
Sunset 17 h 29 m

Month JANUARY 1945 ١٩٤٥ شهر يناير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F C

At 14 h on 28th — ٢٨ الساعة ١٤ يوم

At 8 h on MONDAY 29th — الساعة ٨ يوم الاثنين ٢٩

Station	14 h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs.	Temp. °C	Humidity %
Mediterranean										
SALUM										
MATRUH	00	9	24	1	0	0	—	17.0	18.0	62
DIKHEILA										
ALEXANDRIA	00	9	00	0	0	0	—	17.6	16.0	59
DAMIETTA	01	8	04	2	1	4	8	17.0	16.6	69
PORT SAID	00	8	04	2	0	3	8	16.7	17.3	67
EL ARISH	00	9	30	1	0	0	—	16.4	16.7	48
Lower Egypt										
DAMANHUR	01	7	32	3	1	3	8	16.3	17.6	47
MANSURA	01	8	08	2	1	4	8	17.0	20.6	47
TANTA	01	8	00	0	1	4	8	16.7	18.0	83
ZAGAZIG	01	7	02	2	0	3	8	—	18.1	65
Middle Egypt										
CAIRO ALMAZA	00	7	04	1	0	2	8	17.2	18.0	36
CAIRO EZBEKIYA	00	7	32	1	0	1	8	16.2	19.1	44
CAIRO GIZA	00	8	30	1	1	0	—	16.4	18.9	34
HELWAN	00	7	26	3	0	0	—	15.6	17.8	37
SUEZ	00	9	14	1	0	0	—	15.6	20.6	31
Upper Egypt										
FAIYUM	00	8	02	1	0	0	—	16.9	18.5	42
MINYA										
ASYUT	01	7	20	1	1	3	2	15.6	18.7	57
QENA	01	8	24	1	1	4	1	13.8	20.9	39
LUXOR	01	7	30	2	1	4	1	14.8	23.6	34
ASWAN	01	9	32	1	1	4	1	13.0	23.6	25
Western Desert										
SIWA	00	8	00	0	0	0	—	18.7	16.6	66
BAHARIYA	00	9	00	0	0	0	—	17.6	17.5	48
KHARGA	00	9	02	1	0	3	1	18.2	21.0	—
DAKHLA	00	8	04	1	0	0	—	18.4	20.6	46
Red Sea										
TOR	00	7	24	2	0	0	—	15.0	20.8	50
HURGHADA	00	9	30	1	0	0	—	15.8	19.0	63
QUSEIR	00	8	04	2	0	0	—	14.7	20.4	61
PORT SUDAN										
North Sudan										
WADI HALFA	01	9	30	2	1	4	2	13	23	18
KAREIMA	01	8	32	1	1	5	1	11	26	16
ATBARA	02	8	26	2	1	5	1	8	27	38
KHARTUM										
KASSALA	01	8	00	0	1	4	2	5	33	26
Central Sudan										
WAD MEDANI	00	8	32	1	2	3	1	6	31	05
DUEIM										
RENK	00	9	28	3	0	0	—	6	32	21
ROSEIRES	00	7	32	2	0	0	—	—	36	35
EL OBEID	02	9	32	3	0	5	1	7	27	08
EL FASHER	01	9	32	1	1	5	2	—	27	23
GENEINA	02	9	00	0	1	7	2	—	28	10
KADUGLI	00	8	22	3	0	0	—	7	35	10
South Sudan										
MALAKAL	01	8	02	3	1	4	4	5	33	07
WAU	00	8	32	2	0	0	—	7	33	14
JUBA	00	7	02	3	1	0	—	3	36	14

Station	8 h Present weather ww	Vis. V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff. from norm °C	Humidity %	Rain Past 24 hrs	Rain Total from Oct 1 mm	Normal from Oct 1 mm	Station Number
SALUM																			130
MATRUH	00	9	20	1	0	0	—	—	—	11.1	19	+1	6	-3	78	0	71/47	115	131
DIKHEILA																			150
ALEXANDRIA	00	8	08	1	0	0	—	19.0	+0.6	12.2	19	+1	10	0	79	0	173	143	132
DAMIETTA	01	6	00	0	1	3	6	19.2	—	10.0	17		6		89	0	79	68	159
PORT SAID	01	8	02	1	1	4	6	19.1	+2.0	15.0	19	0	10	-1	66	0	62	50	134
EL ARISH	00	9	00	0	0	0	—	19.0	+1.2	11.2	—	—	—	—	81	0	183	81	135
DAMANHUR	43	1	24	2	4	9	—	18.8	+0.9	5.6	20	0	3	-4	100	0	58	61	136
MANSURA	00	8	30	1	0	0	—	19.4	—	9.2	20	0	5	-2	87	0	43	29	137
TANTA	00	8	00	0	0	0	—	19.8	-1.7	7.0	20	0	1	-5	96	0	37	22	138
ZAGAZIG	45	2	12	2	4	3	8	19.4	+1.0	4.1	19	-1	3	-3	100	0	36	15	139
CAIRO ALMAZA	05	6	00	0	0	3	4	19.5	—	8.6	19	—	7	—	84	0	40	—	141
CAIRO EZBEKIYA	46	3	26	1	4	9	—	19.4	+0.7	8.7	20	0	7	-1	95	0	37	14	
CAIRO GIZA	47	2	30	1	4	9	—	19.4	+0.1	5.8	19	0	4	-1	97	0	34	15	
HELWAN	09	5	00	0	0	0	—	18.3	-0.7	9.7	18	-1	8	0	88	0	46	15	143
SUEZ	00	7	32	1	0	0	—	17.9	-0.1	9.8	—	—	7	-3	76	0	36	10	144
FAIYUM	04	2	00	0	4	0	—	19.0	+0.3	7.0	21	0	5	-1	89	0	72	4	153
MINYA	09	6	00	0	4	0	—	18.7	-0.7	8.8	22	+2	3	-3	84	0	1	—	154
ASYUT	00	6	22	1	0	0	—	18.4	-1.5	8.5	21	0	5	-1	73	0	14	4	155
QENA	05	7	24	2	1	0	—	18.8	-2.7	9.9	23	0	6	-1	62	0	20		156
LUXOR	00	7	08	2	0	0	—		—	8.8	24	—	2	—	55	0	tr.		157
ASWAN	00	9	32	1	0	0	—	17.1	-1.5	14.0	25	+1	9	-1	39	0	tr.	—	158
SIWA	00	7	00	0	0	0	—	20.2	0.0	1.6	19	-1	-2	-6	72	0	2	6	148
BAHARIYA	00	9	00	0	0	0	—	20.2	+0.7	8.0	18		5		72	0	7		149
KHARGA	00	8	00	0	0	0	—	18.3	-0.8	9.3	22	-1	3	-8	52	0	4	—	151
DAKHLA	00	7	24	1	0	0	—	19.1	-0.8	5.3	21	-1	3	-2	80	0	tr.		152
TOR	00	7	32	2	0	0	—	16.7	-0.9	12.2	21	0	8	-1	51	0	1	9	145
HURGHADA	00	9	30	4	0	0	—	17.8	+0.4	17.1	21	-1	10	0	60	0	8	—	146
QUSEIR	00	8	28	2	0	0	—	16.0	-1.0	16.3	21	-2	14	0	70	0	20	—	147
PORT SUDAN																0	81	90	169
WADI HALFA	02	9	30	2	1	7	2	17		11					38	0	0	—	165
KAREIMA	01	8	04	1	1	8	2	15		14					32	0	0	1	166
ATBARA	01	8	32	2	1	4	4,2	14		17					30	0	0	2	167
KHARTUM																0	tr.	4	168
KASSALA	01	8	00	0	1	5	2	11		19					52	0	9	8	170
WAD MEDANI	02	8	32	4	1	6	1	13		17					14	0	8	12	171
DUEIM																0	4	13	173
RENK	00	9	28	3	0	0	—	11		18					24	—	—	49	182
ROSEIRES	00	7	26	2	0	0	—	13		18					37	0	1	36	172
EL OBEID	01	9	32	3	1	3	2	14		16					15	0	6	16	174
EL FASHER	01	9	32	1	1	5	2	—		11					38	0	5	6	175
GENEINA	02	9	32	3	1	6	2	—		13					15	—	—	4	179
KADUGLI	00	8	04	3	0	1	1	12		22					13	—	—	89	187
MALAKAL	01	8	02	5	1	4	4	11		22					13	0	48	88	176
WAU																0	178	144	177
JUBA	05	6	20	1	1	4	4	12		23					41	0	149	145	178

UPPER WINDS ON 29th — الرياح العليا يوم ٢٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN 8 h 30 m	MINYA h m	ASYUT 7 h m	ASWAN 7 h m	WADI HALFA 7 h m	KAREIMA 8 h m	Fasher 7 h m	KASSALA 7 h m	EL OBEID 7 h m	MALAKAL 7 h m	JUBA 7 h m
				02 04 05		02 29 05	02 01 20	10 01 40	10 02 30	10 02 29	10 08 05	10 02 35	10 03 70	10 04 20
				05 05 15		05 34 18	05 03 25	15 35 15	15 24 15	15 01 15	15 16 05	15 03 20	15 04 50	15 02 30
				08 04 05		10 35 10	10 01 25	20 33 15	20 29 20	20 27 30	20 15 05	20 31 35	20 12 10	20 04 30
				10 06 10		15 36 20	15 28 10	30 29 35	30 27 45	30 26 25	25 28 05	25 25 55		25 03 25
				15 01 10		20 33 20	20 27 20	40 28 50	40 26 58	40 27 20				
				20 36 10		25 32 25	25 24 10	45 26 70?						
				23 34 15		30 33 35		50 26 75?						
				25 32 15										
				30 28 15										
				35 29 28										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 28th	Diff. from normal	Wet bulb temp. °C on 28th	Diff. from normal
Alexandria	58	-8	10.7	-0.6
Ezbekiya	61	-5	10.3	0.0
Giza	76	+5	9.0	-0.8
Helwan	62	+6	9.5	+0.6

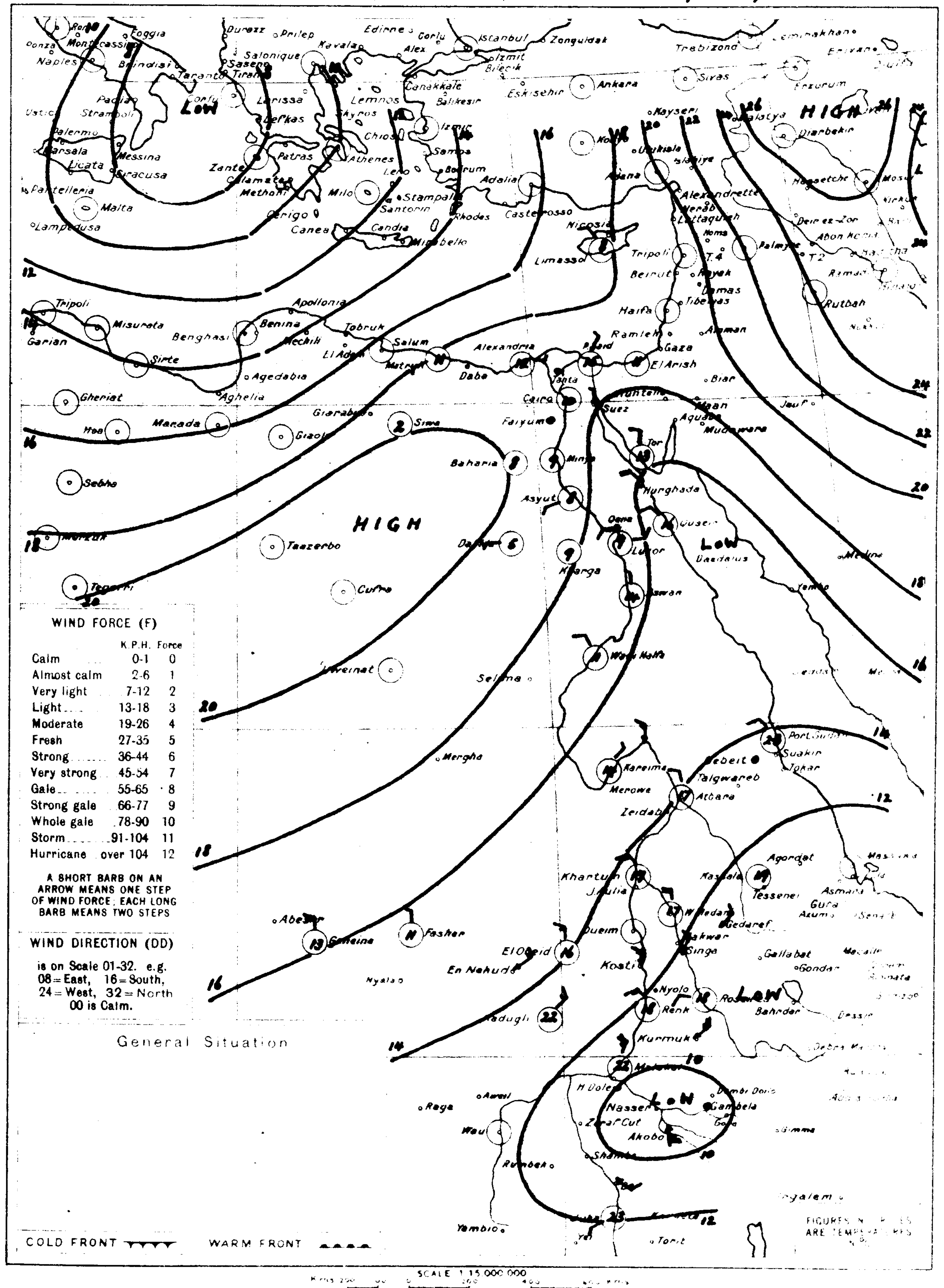
Giza Grass minimum on 29th 0.9 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
29-1	1042	1042
28-1	926	1042

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba					
Nasser		—	—	5.51	-0.24
Malakal		10.38	-0.48	10.40	-0.49
Roseires		11.92	0.00	11.94	+0.01
Sennar Res		—	—	20.67	—
J. Aulia U.S		—	—	377.19	—
J. Aulia D.S		—	—	370.35	-0.84
Khartum		—	—	9.86	-0.81
Kh. el Girba					
Atbara		10.12	-0.35	10.15	-0.33
Kajnarti		—	—	132.38	-1.18
Aswan Res.		120.93	—	120.90	—
Aswan D.S.		85.40	-0.94	86.22	-1.10
Roda (Cairo)		14.79	+0.03	14.79	+0.05

١٩٤٥-١-٢٩ Isobars, Wind and Temperature at 8 h. 29-1-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE, EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000

At 8 h. on 29th — ٢٩ الساعة ٨ يوم

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff. from norm °C	Humidity %	Rain Past 24 hrs mm	Rain Total from Oct 1 mm	Normal from Oct 1 mm
Limassol	00	9	30	2	1	2	—	18.3	+1.3	8	—	—	—	—	—	4	475	292
Neykamedi	00	8	00	0	0	0	—	17.5	—	12.8	24	—	4	—	87	0	16	—
SHIPS سفن																		

Remarks

WATER TEMP. RIVER NILE CAIRO 14.0 C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low fog	04
Thick haze	05
Dust devils	06
Distant Lightning	07
Light mist or haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant [illegible]	12
Squall	14
Slight duststorm	18
Rain in past hour	20-29
Slight thunderstorm	28
Heavy thunderstorm	29
Duststorm	30-34
Fog or thick Haze	40-49
Mod. fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
[illegible]	91
with Hail	[illegible]
with Duststorm	98
[illegible]	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h. 47 m
Sunset 17 30

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month *JANUARY* 1945 ١٩٤٥ شهر يناير

At 14 h. on *29th* ٢٩ الساعة ١٤ يوم — At 8 h. on *TUESDAY 30th* ٣٠ الساعة ٨ يوم الثلاثاء

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	8h Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALŪM																						—		—				—	130
	MATRŪH	00	9	22	1	0	0	—	16.8	19.0	63	01	9	20	4	1	3	8	15.4	-2.2	12.0	20	+2	7	-2	79	0	71	116	131
	DIKHEILA																						—		—				—	150
	ALEXANDRIA	00	9	12	2	0	0	—	19.0	17.2	45	02	8	12	2	2	5	4	18.0	-0.3	11.3	19	+1	9	-1	79	0	173	144	132
	DAMIETTA	00	8	04	2	1	0	—	18.4	16.2	66	08	4	16	1	4	0	—	18.7	—	9.6	17	—	6	—	99	0	79	69	159
	PORT SAĪD	00	8	02	2	0	0	—	18.7	18.5	51	00	8	10	1	0	0	—	18.6	+1.6	14.8	20	+1	10	-1	74	0	62	50	134
	EL 'ARĪSH	00	9	30	1	0	0	—	18.6	17.4	50	00	9	00	0	0	0	—	19.0	+1.2	11.4	19	+1	—	—	87	0	183	52	135
LOWER EGYPT	DAMANHŪR	00	7	04	3	0	0	—	18.4	18.6	57	08	4	08	2	4	0	—	18.4	+0.6	8.0	20	0	5	-2	92	0	58	62	136
	MANṢŪRA	01	8	02	2	1	3	8	18.7	18.8	49	00	8	02	1	0	0	—	18.7	—	9.2	21	+1	6	-1	93	0	43	29	137
	TANTA	00	8	00	0	0	0	—	18.4	19.0	46	00	7	00	0	0	0	—	18.8	+0.8	8.0	20	0	2	-4	96	0	37	23	138
	ZAGĀZĪG	00	7	04	2	0	0	—	18.7	17.8	60	08	4	20	2	4	0	—	19.1	+0.7	—	19	-1	2	-4	—	0	36	15	139
MIDDLE EGYPT (CAIRO)	ALMĀZA	00	8	05	2	0	0	—	18.8	18.0	40	05	5	00	0	0	1	1	19.1	—	9.8	19	—	6	—	73	0	40	—	141
	EZBEKĪYA	00	7	02	2	0	0	—	17.8	18.5	48	46	3	18	2	4	9	—	19.0	+0.3	8.8	21	+1	6	-2	78	0	37	14	—
	GĪZA	00	8	04	2	0	0	—	17.4	18.8	48	08	4	14	1	4	0	—	19.1	-0.1	5.7	19	0	2	-3	91	0	34	15	—
	HELWĀN	00	8	32	2	0	0	—	17.5	18.3	38	06	6	06	1	0	1	1	19.0	0.0	10.0	19	0	6	-2	60	0	46	15	143
	SUEZ	00	8	28	1	0	0	—	18.8	19.4	40	00	8	04	1	0	0	—	18.6	+0.7	10.0	22	+2	6	-4	72	0	36	10	144
UPPER EGYPT	FAIYUM	00	8	32	2	0	0	—	17.4	18.7	38	08	4	00	0	1	3	4	19.2	+0.5	6.0	21	0	4	-2	78	0	72	4	153
	MINYA											01	8	30	1	4	3	2	18.8	-0.5	9.8	20	0	4	-2	63	0	1	—	154
	ASYŪT	00	7	26	1	0	0	—	17.2	19.1	47	01	6	00	0	1	4	2	19.5	-0.4	8.1	22	+1	5	-1	78	0	14	4	155
	QENA	00	9	24	3	0	0	—	15.0	22.0	35	01	7	28	2	0	4	1	18.6	+0.2	10.0	24	+1	6	-1	62	0	20	—	156
	LUXOR	00	7	06	2	0	0	—	16.2	23.8	26	00	7	04	2	0	0	—	19.4	—	10.4	25	—	3	—	60	0	tr.	—	157
	ASWĀN	00	9	32	1	0	0	—	14.3	24.0	26	01	9	00	0	1	4	1	17.9	-0.7	12.6	25	+1	10	0	38	0	tr.	—	158
WESTERN DESERT	SĪWA	00	8	12	2	0	0	—	18.2	19.0	46	00	7	00	0	0	0	—	17.8	-2.4	2.0	20	0	1	-3	78	0	2	6	148
	BAHARĪYA	00	9	00	0	0	0	—	17.8	18.5	46																	7	—	149
	KHĀRGA	00	9	32	3	0	0	—	17.0	20.2	26	01	8	00	0	1	5	6	19.1	0.0	6.9	21	-2	4	-2	53	0	4	—	151
	DĀKHLA	00	8	32	1	0	0	—	17.5	17.8	46	00	7	32	1	0	0	—	18.6	-1.2	5.4	20	-2	2	-3	62	0	tr.	—	152
RED SEA	TŌR	00	7	28	3	0	0	—	16.6	20.2	61	00	7	32	2	0	0	—	18.2	+0.6	11.4	21	0	7	-2	64	0	1	9	145
	HURGHĀDA	00	9	02	3	0	0	—	16.3	21.0	64	00	9	02	3	0	0	—	17.2	-0.1	13.6	21	-1	9	-1	55	0	8	—	146
	QUSEIR	00	8	32	3	0	0	—	15.2	21.4	42	03	8	26	2	2	8	5	18.6	+1.6	15.4	22	-1	14	0	48	0	20	—	147
	PORT SUDAN																										0	81	90	169
NORTH SUDAN	WĀDI HALFA	02	9	30	2	1	5	2	15	23	15	01	9	00	0	2	5	2	17		9					34	0	0	—	165
	KAREIMA	01	8	04	3	1	5	2	12	26	16	00	8	04	2	0	1	1	15		13					29	0	0	1	166
	'ATBARA	01	8	32	3	1	4	4,2	11	28	18	01	8	02	3	0	3	1	14		14					41	0	0	2	167
	KHARTŪM																										0	tr	4	168
	KASSALA	01	8	32	3	1	4	2	6	34	22	00	8	26	1	0	0	—	11		21					61	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	01	8	30	2	1	4	1	7	32	09	00	9	32	3	0	0	—	13		19					19	0	8	12	171
	DUEIM																										0	4	13	173
	RENK	00	9	30	3	0	0	—	7	32	36	00	9	28	3	0	0	—	11	—	19		—		—	32	0	—	49	182
	ROSEIRES	00	8	16	2	0	0	—	7	31	43	00	7	32	2	0	0	—	13?		21					33	0	1	36	172
	EL OBEID	00	9	02	2	0	3	2	9	27	11	00	9	32	2	0	0	—	14		16					19	0	6	16	174
	EL FĀSHER	01	9	04	2	1	5	2	—	26	15	00	9	30	1	0	0	—	—		11					38	0	5	6	175
	GENEINA	00	9	04	2	0	0	—	—	28	16	01	8	04	2	1	4	2	—		13					22	0	—	4	179
	KADUGLI	00	8	04	3	0	0	—	6	34	05	01	8	04	4	1	4	1	13		22					13	0	—	89	187
S. SUDAN	MALAKĀL	00	8	02	3	1	0	—	6	34	05	00	8	02	5	0	0	—	12		21					17	0	48	88	176
	WAU	01	8	02	1	1	5	1	7	35	12	00	8	00	0	0	3	1	12		20					43	0	178	144	177
	JŪBA	01	8	08	3	1	3	2	6	36	12	02	8	28	2	0	5	4,2	13		24					47	0	149	145	178

UPPER WINDS ON 30th — الرياح العليا يوم ٣٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres.
DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALŪM h m	MATRŪH h m	DIKHEILA h m	Cairo 7 h. m	HELWĀN 8 h. 45 m	MINYA h m	ASYŪT 7 h. m	ASWĀN 7 h. m	WĀDI HALFA 7 h. m	KAREIMA h m	Khartum 7 h. m	KASSALA 7 h. m	EL OBEID 7 h. m	MALAKĀL 8 h. m	JŪBA 7 h. m
			02 18 25	02 14 10		02 34 05	02 36 05	10 10 15		10 03 15	10 20 05		10 03 65	10 34 10
			05 26 05	05 20 08		05 01 15	05 13 10	15 18 05		15 11 20	15 17 05	15 07 25	15 05 60	15 04 25
			08 21 15	08 19 15		10 28 05	10 05 15	20 22 10		20 28 20	20 13 15	20 05 15		20 14 15
			10 22 28	10 21 20		15 31 10	15 19 05	30 26 15		30 33 30	30 10 15	30 29 35		30 13 30
			15 22 15	15 23 20		20 30 05	20 19 05					40 28 15		40 20 35
			20 23 25	20 22 20		25 19 15	25 22 08					45 20 20		
				23 22 28		30 20 30	30 25 10							
				25 21 30		40 22 35								
				30 22 40										
				35 22 55										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 29th	Diff. from normal	Wet bulb temp. °C on 29th	Diff. from normal
Alexandria	71	+5	11.1	-0.2
Ezbekiya	70	+5	10.5	+0.2
Gīza	83	+12	9.7	-0.1
Helwān	64	+8	9.7	+0.6

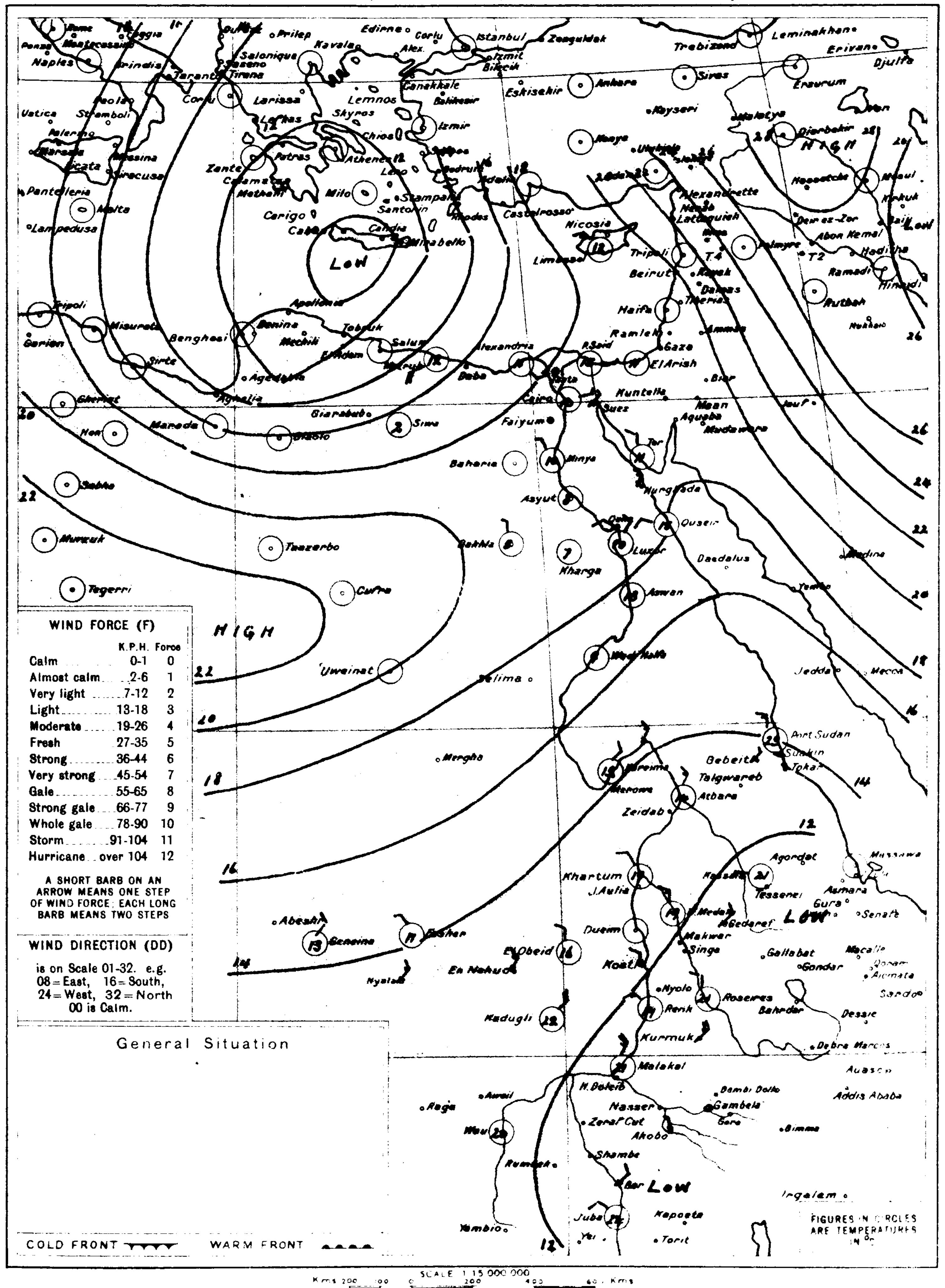
Gīza Grass minimum on 30th -1.8 °C

Discharges at Aswān measured by sluices m.³ per sec.

DATE 1945 1944

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba		—	—	12.85	-0.71
Nāsser		—	—	5.49	-0.23
Malakāl		10.36	-0.47	10.38	-0.48
Roseires		11.91	0.00	11.92	0.00
Sennār Res.		—	—	20.68	—
J. Aulia U.S		—	—	377.22	—
J. Aulia D.S		—	—	370.76	-0.89
Khartūm		—	—	9.82	-0.83
Kh. el Girba					
'Atbara		10.07	-0.37	10.12	-0.35
Kajnarti		—	—	132.86	-1.78
Aswān Res.		120.66	—	120.93	—
Aswān D.S.		86.62	-0.73	85.40	-0.94
Rōda (Cairo)		14.79	-0.02	14.79	+0.03

Isobars, Wind and Temperature at 8 h. 30-1-45 ٣٠-١-٤٥



PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

At 8 h. on 30th ٣٠ الساعة ٨ يوم

Station محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff from norm °C	Minimum Today °C mm	Minimum Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms
Limassol	01	9	28	3	1	4	—	19.4	+2.4	12	—	—	—	—	—		475	296
Nughamadi	02	8	00	0	0	5	4	18.4	—	10.3	22	—	4	—	56	0	16	—
SHIPS سفن																		

Remarks

WATER TEMP. RIVER NILE CAIRO 14.1 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 46 m
Sunset 17 h 31 m

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month JANUARY 1946 ١٩٤٥ شهر يناير

STATION	14 h. on 30th: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8 h. on WEDNESDAY 31st: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																													
SALUM																												—	130
MATRUH	18	7	16	4	3	0	—	10.8	20.7	37	21	8	24	4	5	8	9	12.6	-4.9	7.3	21	+3	6	-4	96	dr.	71 61	117	131
DIKHEILA																												—	150
ALEXANDRIA	02	9	16	3	2	5	4	14.7	19.0	36	01	8	20	6	2	4	8	7.9	-10.3	10.0	20	+2	9	-1	70	0	173	145	132
DAMIETTA	01	8	10	2	X	5	3	14.7	17.9	62	14	7	20	5	1	4	8	11.0	—	8.9	19	—	6	—	87	0	79	70	159
PORT SAID	02	8	10	2	2	5	2	15.6	19.0	49	00	6	22	5	0	0	—	11.1	-6.0	11.0	20	+1	10	-1	71	0	62	51	134
EL ARISH	01	9	00	0	1	3	8	16.7	21.7	28	00	9	00	0	0	0	—	—	—	12.0	22	+	10	+3	51	0	183	52	135
LOWER EGYPT																													
DAMANHUR	01	6	20	3	1	4	1	14.8	18.8	64	00	6	20	6	0	0	—	11.5	-6.2	7.8	20	0	7	0	65	0	58	62	136
MANSURA	02	8	16	1	2	5	8	15.6	20.0	41	00	8	20	2	0	0	—	11.9	—	8.5	20	0	6	-1	79	0	43	29	137
TANTA	01	8	24	4	1	5	2	15.5	20.0	43	00	8	20	4	0	0	—	12.2	-5.8	8.0	21	+1	1	-5	72	0	37	23	138
ZAGAZIG	02	7	20	2	1	5	8	15.6	19.8	50	00	7	18	2	0	0	—	12.6	-5.7	8.4	21	+1	3	-3	84	0	36	15	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	02	7	21	3	1	5	2	16.7	19.4	33																	40	—	141
EZBEKIYA	02	7	18	3	1	6	1	15.9	19.1	41	46	3	26	3	4	9	—	14.7	-3.9	9.9	20	0	9	+1	63	0	37	14	—
GIZA	02	7	20	3	1	5	1	15.6	20.6	27	05	4	24	4	4	0	—	14.2	-5.9	10.1	22	+3	8	+3	66	0	34	15	—
HELWAN	02	8	16	3	2	7	2	15.8	18.8	35	05	5	14	1	0	0	—	14.7	-4.2	7.8	19	0	7	-1	60	0	46	15	143
SUEZ	03	7	20	1	2	8	1	16.4	19.4	50	00	8	30	2	0	0	—	12.6	-8.3	12.1	21	+1	9	-1	60	0	36	10	144
UPPER EGYPT																													
FAIYUM	02	8	24	3	2	7	4	16.3	19.8	33	00	7	30	2	0	0	—	15.1	-3.6	8.3	20	-1	6	0	66	0	72	4	153
MINYA											00	8	28	3	0	0	—	16.4	-2.8	9.9	21	0	8	+2	58	0	1	—	154
ASYUT	02	7	30	1	2	8	5	16.6	19.3	51	01	6	22	2	1	4	6	17.0	-2.8	9.1	20	-1	8	+2	66	0	14	4	155
QENA	02	7	24	1	1	5	2	16.4	21.2	45	02	7	24	1	1	5	2	14.4	-3.9	13.2	23	0	10	+3	67	0	20	—	156
LUXOR	01	7	30	2	1	5	1	16.7	24.8	35	02	7	22	2	2	5	3	15.5	—	14.5	25	—	10	—	53	0	tr.	—	157
ASWAN	02	9	28	2	1	5	4	14.7	23.8	27	02	9	00	0	1	5	1	15.1	-3.5	17.2	24	0	11	+1	41	0	dr.	—	158
WESTERN DESERT																													
SIWA	00	8	22	5	0	0	—	14.8	21.5	54	00	7	22	4	0	0	—	20.0	-0.1	6.5	22	+2	1	-3	78	0	2	6	148
BAHARIYA	01	9	32	1	1	4	—	15.5	20.0	32	00	9	00	0	0	0	—	18.4	-0.9	8.5	23	—	4	—	65	0	7	—	149
KHARGA	01	9	12	1	1	5	6	16.6	22.2	20	03	5	32	4	2	8	8	17.0	-2.0	13.3	24	+1	9	+3	40	0	4	—	151
DAKHLA	00	8	24	1	0	0	—	15.9	20.6	36	00	7	28	5	0	0	—	19.1	+0.7	9.2	24	+2	4	-1	72	0	tr.	—	152
RED SEA																													
TOR	02	6	26	3	0	6	1	16.8	21.3	65																	1	9	145
HURGHADA	02	7	02	2	2	8	1	16.6	21.5	57	03	6	28	3	3	8	1	12.3	-5.0	13.1	23	+1	10	0	65	0	8	—	146
QUSEIR	02	8	32	3	2	5	2	15.8	21.3	55	02	8	26	2	0	6	4	12.4	-4.5	18.6	22	-1	15	+1	38	0	20	—	147
PORT SUDAN																										0	81	90	169
NORTH SUDAN																													
WADI HALFA	02	8	32	3	1	6	3	15	23	24	01	9	26	1	1	4	1	18		11					24	0	0	—	165
KAREIMA											01	8	32	2	1	4	2	16		14					32	0	0	1	166
ATBARA	00	8	30	3	1	0	—	9	30	27	01	8	32	3	1	5	4,2	13		19					32	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA											00	8	00	0	0	0	—	12		22					57	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	32	1	0	0	—	7	33	10	01	8	02	2	1	4	1	13		19					32	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	23	2	0	0	—	6	33	..	00	9	28	3	0	0	—	11		21		—		—	23	0	—	49	182
ROSEIRES	00	7	16	2	0	0	—	7	34	29	00	7	28	2	0	0	—	12		22					38	0	1	36	172
EL OBEID	00	8	00	0	0	0	—	8	30	09	02	9	30	3	1	5	2	13		17					22	0	6	16	174
EL FASHER	02	9	00	0	1	5	2	—	27	20	02	9	32	–	1	7	2	—		12					36	0	5	6	175
GENEINA	02	8	16	1	1	5	2	—	31	11																—	—	4	179
KADUGLI	01	8	04	3	1	5	1	8	35	07	02	8	28	2	0	5	1	11		22					25	0	—	89	187
S. SUDAN																													
MALAKAL	01	8	02	2	1	4	4	6	35	15	01	8	04	4	1	4	4,1	11		24					22	0	48	88	176
WAU	01	8	04	2	1	4	1	7	35	13	00	8	00	0	0	2	1	11		19					49	0	178	144	177
JUBA	01	8	20	1	1	5	2	7	35	18	05	7	00	0	1	5	8,4	12		24					47	0	149	145	178

UPPER WINDS ON 31st الرياح العليا يوم ٣١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 30 m.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 8 h.	KHARTUM 7 h.	KASSALA	EL OBEID 7 h.	MALAKAL 7 h.	JUBA 7 h.
				02 23 15		02 31 45	05 29 25	10 29 30	10 33 20	10 03 20		10 02 45	10 03 59	10 13 05
				05 27 35		05 32 50	10 25 25	15 27 35	15 23 20	15 03 15		15 05 20	15 04 50	15 04 35
				08 28 50		10 34 65	15 28 25	20 27 20	20 26 20	20 26 20		20 34 20	20 03 30	
				10 28 45			20 28 60	30 26 45		30 22 25		30 32 10		
				Ent. St.			25 23 35			40 27 20		40 25 05		
										45 26 05		45 19 20		
										50 04 05		50 26 20		
										60 15 20				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

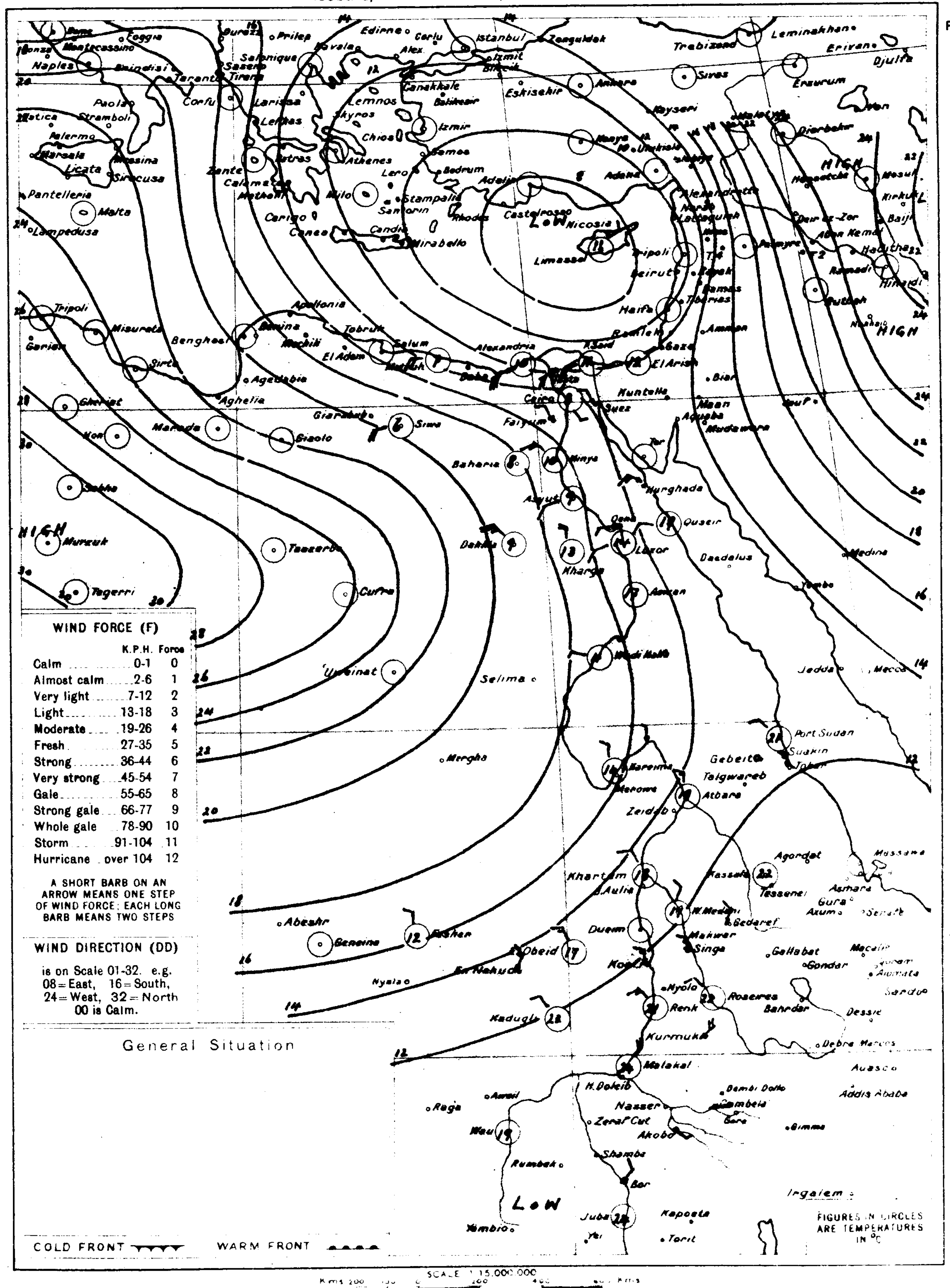
STATION	Mean of day Humidity % on 30th	Diff. from normal	Wet Bulb Temp °C on 30th	Diff. from normal
Alexandria	50	-16	10.0	-1.3
Ezbekiya	60	-5	9.8	-0.5
Giza	66	-5	7.9	-1.9
Helwan	49	-7	8.8	-0.3
Giza Grass minimum on 31st	3.3 °C			

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1946	1945
31-1	1273	1273
30.1	1157	1157

GAUGE	Date 1946	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	31/1	—	—	12.64	-0.72
Nasser		—	—	5.48	-0.20
Malakal		10.35	-0.45	0.36	-0.47
Roseires		11.90	0.00	11.91	0.00
Sennar Res.		—	—	20.68	—
J. Aulia U.S		—	—	377.23	—
J. Aulia D.S		—	—	370.72	-0.93
Khartum		9.69	-0.92	9.74	-0.89
Kh. el Girba					
Atbara		10.05	-0.40	10.09	-0.39
Kajnarti		—	—	132.33	-1.76
Aswan Res.		120.78	—	120.86	—
Aswan D.S.		85.82	-0.54	85.62	-0.75
Roda (Cairo)		14.79	-0.09	14.79	-0.02

Isobars, Wind and Temperature at 8 h. 31-1-45 ٣١-١-٤٥



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

SCALE 1:15,000,000 Kms 200 0 200 400 600 Kms

STATION محطة	At 8 h. on 31st: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff from norm °C	Min. Today °C mm	Diff from norm °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	02	7	04	2	1	6	—	7.8	-9.0	11	—	—	—	—	—	0	475	300
Nag Hammadi	03	8	00	0	2	8	6	14.0	—	12.7	22	—	10	—	71	0	16	—
SHIPS سفن																		

Remarks

WATER TEMP. RIVER NILE CAIRO 14.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

JUN 22 1945
WEATHER BUREAU

CAIRO
Time of Sunrise 06 45
Sunset 17 32

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month FEBRUARY 1945 — شهر فبراير ١٩٤٥ — ١٩٤٥-٢-١ — Isobars, Wind and Temperature at 8 h. — 1-2-1945

At 14 h on 31-1 — ١-٣١ يوم الساعة ١٤

Station	Present Weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	°C Temp. (TTT)	% Humidity (UU)
MEDITERRANEAN										
SALUM										
MATRUH	50	8	28	5	3	5	9	12.7	11.3	84
DIKHEILA										
ALEXANDRIA	02	8	24	8	2	6	8	11.1	12.2	52
DAMIETTA	14	7	20	6	1	4	8	10.0	13.9	59
PORT SAÏD	14	7	22	5	1	4	0	10.2	14.7	46
EL 'ARISH	00	9	20	2	0	0	—	11.0	16.2	34
LOWER EGYPT										
DAMANHUR	14	5	20	7	1	4	8	11.0	13.3	45
MANSURA	18	4	18	5	3	5	9	11.6	14.0	47
TANTA	18	6	20	7	3	8	6	11.5	13.0	48
ZAGAZIG	05	5	28	5	3	0	—	12.2	14.1	57
MIDDLE EGYPT										
CAIRO: ALMAZA	18	4	26	6	3	0	—	14.0	13.8	37
CAIRO: EZBEKIYA	18	4	20	5	3	0	—	13.2	13.7	37
CAIRO: GIZA	18	5	20	5	3	9	—	13.8	15.6	35
HELWAN	30	3	24	7	3	9	—	13.5	13.3	31
SUEZ	12	8	22	3	3	3	8	11.5	15.9	33
UPPER EGYPT										
FAIYUM	18	4	26	6	3	0	—	14.7	14.9	30
MINYA										
ASYUT	00	6	30	3	1	0	—	17.5	14.1	46
QENA	01	7	22	4	2	4	1	14.3	18.4	41
LUXOR	01	7	30	2	1	4	3	15.6	20.0	57
ASWAN	02	9	32	3	1	5	1	14.0	25.0	25
WESTERN DESERT										
SIWA	02	8	24	5	1	6	4	19.1	13.0	66
BAHARIYA	01	9	32	1	1	4	—	18.0	15.0	49
KHARGA	01	7	28	3	1	4	9	17.6	16.2	61
DAKHLA	00	8	28	6	0	0	—	18.6	14.6	53
RED SEA										
TOR										
HURGHADA	00	9	26	6	0	0	—	—	18.5	37
QUSEIR	01	8	32	2	2	4	4	11.5	19.4	49
PORT SUDAN										
NORTH SUDAN										
WADI HALFA	18	5	28	5	1	4	1	16	22	19
KAREIMA	01	8	32	4	1	3	1	13	27	10
'ATBARA	01	8	06	4	1	4	1	10	29	17
KHARTUM										
KASSALA	02	8	30	3	1	5	2	5	30	24
CENTRAL SUDAN										
WAD MEDANI	02	8	02	2	1	6	2	8	31	17
DUEIM										
RENK	00	9	28	3	0	0	—	6	34	16
ROSEIRES	00	7	30	2	0	0	—	6	34	36
EL OBEID	01	8	04	3	1	4	1	9	30	09
EL FASHER	00	9	32	2	1	2	1	—	29	25
GENEINA	00	8	02	2	0	2	1	—	29	11
KADUGLI	01	8	04	3	1	4	1	7	36	11
S. SUDAN										
MALAKAL	01	8	04	3	1	4	4,2	6	34	15
WAU	00	8	06	3	1	3	8	6	36	13
JUBA	01	8	04	3	1	3	8	7	36	35

At 8 h. on THURSDAY 1st — الخميس ١ الساعة ٨

Station	Present Weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Diff. from normal mbs.	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station Number
MEDITERRANEAN																			
SALUM																			130
MATRUH	01	9	24	3	—	4	8	16.8	-0.7	8.3	13	-5	6	-3	—	4	75 65	118	131
DIKHEILA																			150
ALEXANDRIA	03	7	28	8	6	8	9	15.1	-3.1	12.0	16	-2	7	-3	56	8	181	147	132
DAMIETTA	14	7	20	5	5	3	8	14.7	—	7.1	14	—	6	—	93	dr.	79	71	159
PORT SAÏD	14	7	22	5	1	4	1	14.7	-2.3	8.8	15	-4	7	-4	69	0	62	51	134
EL 'ARISH	01	7	20	1	1	3	8	16.2	-1.5	9.2	19	+1	6	-1	55	0	183	53	135
LOWER EGYPT																			
DAMANHUR	61	5	20	4	6	5	9	14.8	-2.8	7.2	14	-6	6	-1	89	7	65	63	136
MANSURA	50	6	24	2	5	4	9	15.4	—	7.2	15	-5	6	-1	79	dr.	43	30	137
TANTA	20	6	20	5	5	8	7	16.4	-1.5	6.5	13	-7	6	0	78	dr.	37	24	138
ZAGAZIG	14	6	20	5	5	4	7	16.2	-2.1	6.6	15	-5	5	-1	100	dr.	36	16	139
MIDDLE EGYPT																			
CAIRO: ALMAZA	00	7	20	4	0	0	—	18.1	—	6.3	15	—	5	—	66	0	40	—	141
CAIRO: EZBEKIYA	05	5	18	4	1	3	4	19.0	+0.5	6.2	15	-5	5	-3	72	0	37	15	—
CAIRO: GIZA	01	6	20	1	1	3	4	18.8	-0.3	7.7	17	-2	3	-2	65	0	34	16	—
HELWAN	00	6	14	3	0	0	—	19.6	+0.7	4.9	15	-4	3	-5	62	0	46	16	143
SUEZ	14	8	30	5	3	3	9	18.4	+0.6	10.8	20	0	8	-2	52	0	36	11	144
UPPER EGYPT																			
FAIYUM	00	8	24	3	0	0	—	20.2	+1.7	5.9	15	-6	4	-2	62	0	72	5	153
MINYA	00	8	20	1	0	0	—	22.0	+2.9	8.7	17	-4	7	+1	48	0	1	—	154
ASYUT	00	6	28	1	0	0	—	23.0	+3.2	7.5	16	-5	4	-2	59	0	14	4	155
QENA	05	7	24	1	1	0	—	23.4	+5.2	7.0	20	-3	3	-4	69	0	20	—	156
LUXOR																	Tr.	—	157
ASWAN	01	9	32	1	1	4	1	23.9	+5.3	8.6	25	+1	7	-3	52	0	dr.	—	158
WESTERN DESERT																			
SIWA	00	7	24	2	0	0	—	23.0	+3.0	5.8	14	-6	4	0	88	0	2	6	148
BAHARIYA	00	9	00	0	0	0	—	21.6	+2.4	9.0	17	—	5	—	73	0	7	—	149
KHARGA	00	9	00	0	0	2	1	24.6	+5.6	5.0	17	-6	2	-4	47	0	4	—	151
DAKHLA	00	7	24	1	0	0	—	25.4	+5.6	3.3	15	-7	3	-2	68	0	Tr.	—	152
RED SEA																			
TOR																	3+	10	145
HURGHADA	00	9	28	3	0	0	—	21.0	+3.8	11.0	21	-1	9	-1	61	0	8	—	146
QUSEIR	00	8	24	4	0	0	—	20.3	+3.5	10.2	20	-3	10	-4	50	0	20	—	147
PORT SUDAN																0	81	91	169
NORTH SUDAN																			
WADI HALFA	01	7	30	3	1	4	1	24		8					40	0	0	—	165
KAREIMA	00	7	02	5	0	3	1	20		12					36	0	0	1	166
'ATBARA	18	5	04	4	0	0	—	17		17					26	0	0	2	167
KHARTUM																0	Tr.	4	168
KASSALA	00	8	02	2	0	0	—	14		18					30	0	9	8	170
CENTRAL SUDAN																			
WAD MEDANI	00	9	32	5	0	0	—	15		17					15	0	8	12	171
DUEIM																0	4	13	173
RENK	00	9	32	3	0	0	—	12?		20					15	—	—	49	182
ROSEIRES	00	7	30	2	0	0	—	14		21					41	0	1	36	172
EL OBEID	05	6	32	3	0	0	—	15		13					36	0	6	16	174
EL FASHER	05	6	02	2	0	0	—	—		11					38	0	5	6	175
GENEINA	05	6	02	6	0	0	—	—		12					19	—	—	4	179
KADUGLI	00	8	04	4	0	0	—	14		21					11	—	—	89	187
S. SUDAN																			
MALAKAL	00	8	32	5	0	0	—	12		23					15	0	48	88	176
WAU	01	8	32	3	0	1	—	11		22					61	0	178	144	177
JUBA	05	7	00	0	1	5	8,4	11		26					58	0	149	146	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 1st — الرياح العليا يوم

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	GENEINA	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	8 h 45 m	h m	7 h m	7 h m	7 h m	8 h m	7 h m	h m	7 h m	7 h m	7 h m
				02 18 10		02 28 30	02 03 05	10 01 50	10 02 55	10 04 45		10 01 55	10 03 45	10 09 05
				05 23 30		05 30 35	05 35 30	15 01 30	15 01 35	15 07 55		15 02 45	15 02 40	15 03 45
				08 27 60		10 30 40	10 33 30	20 30 35	20 34 25	20 19 70			20 01 30	
				10 27 60		15 29 40	15 31 30	30 28 50	30 32 20	30 22 30				
				15 26 80		20 30 40	20 26 10?		40 28 30	40 24 20				
				17 26 55		25 28 55	25 28 45							
						30 29 60								

Forecast for 24 hours from noon on

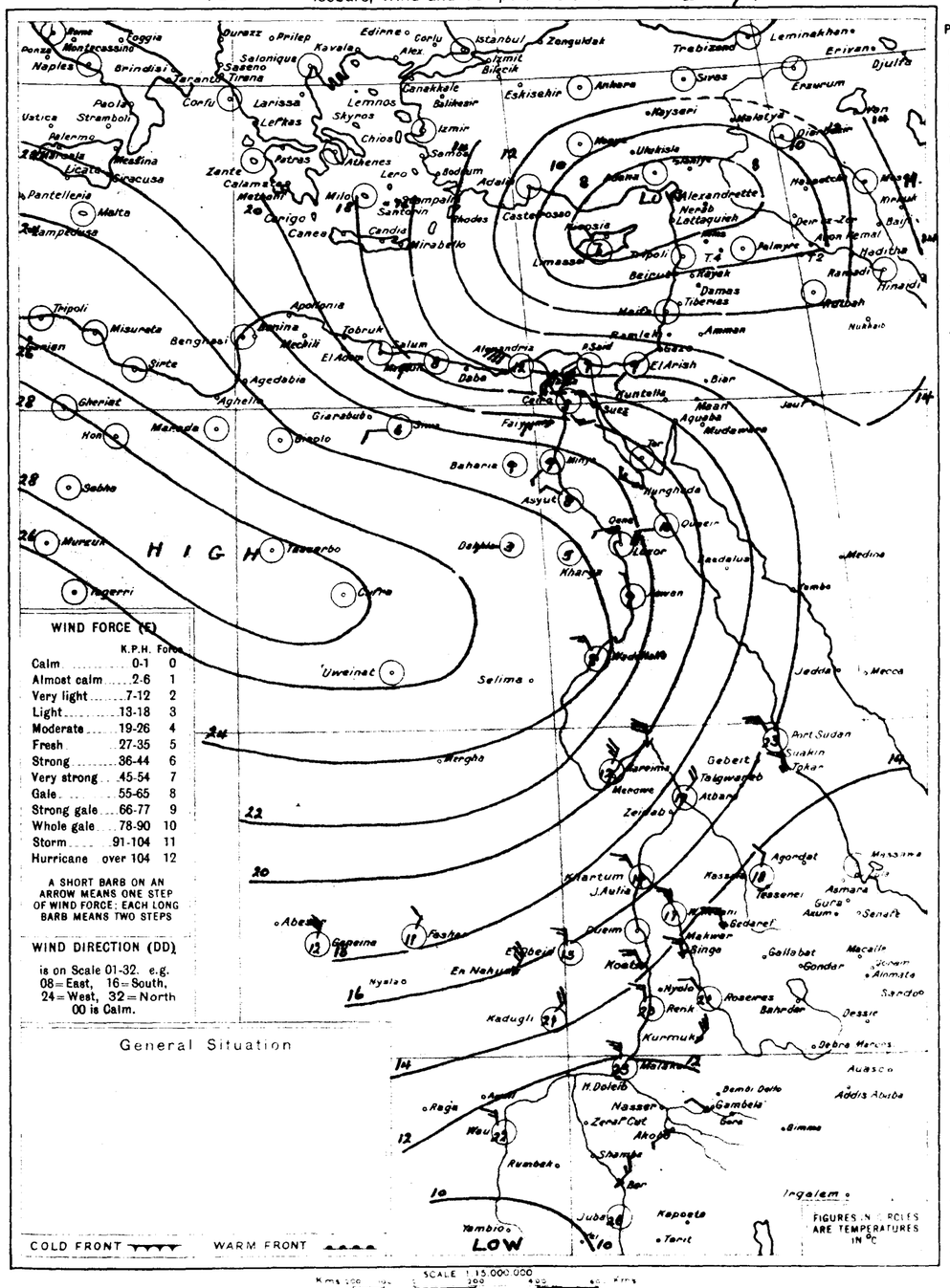
تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 31-1	Diff. from normal	Wet Bulb Temp. °C on 31-1	Diff. from normal
Alexandria	69	+3	7.7	-3.6
Ezbekiya	55	-10	9.8	-0.5
Giza	47	-23	7.2	-2.6
Helwan	44	-11	5.6	-3.5
Giza Grass minimum on	1st		0.7	°C

Discharges at Aswân measured by sluices m.³ per sec

DATE	1945	1944
1-2	1273	1389
31-1	1273	1273

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—			
Nâsser		—	—	5.48	-0.16
Malakâl		10.32	-0.46	10.55	-0.43
Roseires		11.88	0.00	11.90	0.00
Sennâr Res.		—	—	20.68	—
J. Aulia U.S.		—	—	377.25	—
J. Aulia D.S.		—	—	310.70	-0.73
Khartûm		9.84	-0.74	9.89	-0.72
Khael Girba		—	—	—	—
Atbara		10.02	-0.43	10.05	-0.40
Kajnarti		—	—	132.31	-1.16
Aswân Res.		120.65	—	120.78	—
Aswân D.S.		85.83	-0.55	85.82	-0.58
Roda (Cairo)		—	—	14.79	-0.07



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

At 8 h. on 1st — الساعة ٨ يوم

Station مرصد	Present Weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000-mbs. (PPP)	Diff. from normal mbs.	Temperature Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Maximum Diff. from norm. °C	Minimum Today °C (mm)	Minimum Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
N. Hamadi	00	8	00	0	0	0	—	93.2	—	6.5	16	—	1	—	57	0	16	—
Limassol	02	5	30	2	6	7	—	7.4	-9.4	7	—	—	—	—	—	19	494	303

SHIPS سفن

Remarks
Water Temp. River Nile Cairo 13.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO

Time of Sunrise 06 h. 48 m.

Sunset 17 h. 33 m.

Month FEBRUARY 1940 ١٩٤٥ شهر فبراير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 1st (الساعة ١٤ يوم ١)

Group	Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
Mediterranean	SALÛM										
	MATRÛH	50	7	24	4	2	7	9	17.4	11.3	99
	DIKHEILA										
	ALEXANDRIA	01	8	28	1	6	5	9	16.6	14.0	45
	DAMIETTA	20	7	20	3	6	5	7	14.6	9.8	89
	PORT SAÎD	50	7	22	6	6	8	9	15.1	11.3	70
	EL 'ARÎSH	01	8	20	2	1	3	8	15.8	14.2	44
Lower Egypt	DAMANHÛR	01	6	20	4	6	4	8	16.1	13.7	70
	MANŞURA	01	7	20	2	6	4	9	16.2	12.0	71
	TANTA	20	6	24	5	6	8	7	16.5	10.5	81
	ZAGÂZIG	18	5	20	5	5	8	7	16.7	12.4	77
Middle Egypt	CAIRO ALMÂZA	02	7	24	4	1	5	6	18.0	15	45
	CAIRO EZBEKIYA	02	7	20	6	1	5	6	17.8	15.0	42
	CAIRO GÎZA	02	8	24	5	1	5	8	17.9	17.1	34
	HELWÂN	02	8	22	5	2	5	8	17.5	15.0	34
	SUEZ	13	7	20	2	2	8	9	17.9	15.0	41
Upper Egypt	FAIYÛM	01	8	24	4	1	4	6	19.0	15.8	36
	MINYA	01	9	24	3	1	3	2	20.2	16.9	30
	ASYÛT	00	7	28	2	0	0	—	21.6	14.6	46
	QENA	00	8	22	4	0	0	—	20.7	18.6	35
	LUXOR	00	7	26	3	0	0	—	21.0	17.0	30
	ASWÂN										
Western Desert	SÎWA	00	8	24	5	0	0	—	22.2	16.5	56
	BAHARÎYA	00	9	32	1	0	0	—	20.8	15.5	48
	KHÂRGA	00	8	32	2	0	0	—	21.9	15.8	29
	DÂKHLA	00	8	28	3	0	0	—	22.4	17.0	34
Red Sea	TÔR	00	7	32	2	0	2	2	19.1	15.0	56
	HURGHÂDA	00	9	26	4	0	0	—	19.2	17.4	34
	QUŞEIR	00	8	24	3	0	0	—	18.6	17.4	36
	PORT SUDAN										
North Sudan	WÂDI HALFA	01	7	30	5	1	5	1	21	16	19
	KAREIMA	18	6	02	5	0	0	—	17	21	11
	'ATBARA	31	3	02	5	3	9	—	13	24	13
	KHARTÛM										
	KASSALA	00	8	30	3	0	0	—	7	32	36
Central Sudan	WAD MEDANI	18	5	32	5	3	0	—	10	28	08
	DUEIM										
	RENK	00	9	28	3	0	0	—	8	29	12
	ROSEIRES	00	7	28	2	0	0	—	—	31	36
	EL OBEID	05	5	32	5	0	0	—	13	24	13
	EL FÂSHER										
	GENEINA										
	KADUGLI	05	5	02	4	0	0	—	9	30	10
S. Sudan	MALAKÂL	01	7	02	5	1	3	4,2	7	33	13
	WÂU	00	8	06	3	0	2	1	—	33	14
	JUBA	01	8	10	3	1	4	8	5	37	22

At 8 h. on FRIDAY 2nd (الساعة ٨ يوم الجمعة ٢)

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALÛM												—		—				—	130
MATRÛH	02	8	28	3	2	7	6	22.8	+5.4	13.2	13	-5	[illegible]	[illegible]	73	dr.	75	119	131
DIKHEILA												—		—				—	150
ALEXANDRIA	02	8	28	5	6	6	9	21.0	+2.8	13.0	15	-3	9	-1	55	2	183	148	132
DAMIETTA	01	7	20	3	6	4	6	19.6	—	8.9	12	—	6	—	92	8	87	71	159
PORT SAÎD	14	8	18	5	5	5	4	19.2	+2.2	9.0	12	-7	8	-3	84	2	64	51	134
EL 'ARÎSH	01	9	20	1	1	3	8	19.6	+1.9	10.2	17?	-1	4	-3	75	0	183	53	135
DAMANHÛR	02	6	24	2	6	5	7	19.2	+1.6	8.2	15	-5	5	-2	82	4	69	63	136
MANŞURA	02	7	20	2	5	5	9	20.3	—	8.0	15	-5	5	-2	89	1	44	30	137
TANTA	01	7	20	3	1	4	8	21.8	+4.0	7.5	13	-7	6	0	83	2	39	24	138
ZAGÂZIG	00	6	20	2	0	2	8	21.1	+2.3	7.9	15	-5	—	—	—	dr.	36	16	139
CAIRO ALMÂZA	01	7	24	2	1	3	6	22.3	...	9.1	15	—	7	—	76	dr.	40	—	141
CAIRO EZBEKIYA	00	7	16	1	0	2	8	22.0	+3.5	8.5	16	-4	8	0	81	dr.	37	15	—
CAIRO GÎZA	00	6	16	1	0	1	8	22.3	+3.3	11.0	18	-1	7	+2	74	dr.	34	16	—
HELWÂN	00	7	14	2	0	2	4	22.6	+3.8	7.9	15	-4	6	-2	73	dr.	46	16	143
SUEZ	00	8	28	3	0	0	—	—	—	11.1	18	-2	8	-2	60	0	36	11	144
FAIYÛM	01	8	22	2	1	3	8	23.0	+4.6	7.6	17	-4	6	0	72	0	72	5	153
MINYA	00	8	28	2	1	2	2	23.5	+4.5	10.5	18	-3	7	+1	62	0	1	—	154
ASYÛT	01	6	22	1	1	3	4	24.8	+5.0	8.3	17	-4	3	-3	69	0	14	4	155
QENA	05	7	24	2	0	0	—	24.2	+6.6	8.2	17	-7	2	-5	65	0	20	—	156
LUXOR												—					tr.	—	157
ASWÂN	01	9	32	3	1	5	1	23.4	+4.8	9.4	16	-8	5	-5	43	0	dr.	—	158
SÎWA	00	7	24	2	0	0	—	25.2	+5.2	6.5	17	-3	3	-1	78	0	2	6	148
BAHARÎYA												—					7	—	149
KHÂRGA	00	9	00	0	0	0	—	25.2	+6.3	—	16	-7	2	-4	53	0	4	—	151
DÂKHLA	00	7	12	1	0	0	—	26.3	+6.6	2.0	17	-5	1	-4	64	0	tr.	—	152
TÔR	01	6	02	2	0	4	8	21.9	+4.5	12.6	17	-4	9	0	67	0	3	10	145
HURGHÂDA	00	9	30	4	0	0	—	21.0	+3.9	11.4	20	-2	8	-2	54	0	8	—	146
QUŞEIR	00	8	24	3	0	0	—	21.2	+4.4	12.6	20	-3	10	-4	50	0	20	—	147
PORT SUDAN																0	81	91	169
WÂDI HALFA	01	9	30	3	1	4	3	24		8					50	0	0	—	165
KAREIMA	00	8	04	3	0	3	2	20		9					32	0	0	1	166
'ATBARA	18	5	32	5	0	0	—	—		13					26	0	0	2	167
KHARTÛM																0	tr.	4	168
KASSALA	00	8	02	4	0	0	—	12		21					65	0	9	8	170
WAD MEDANI	00	7	32	3	0	0	—	16		13					19	0	8	12	171
DUEIM																0	4	13	173
RENK	00	8	00	0	0	0	—	13	—	17		—		—	26	0	—	49	182
ROSEIRES	00	7	30	2	0	0	—	15		19					28	0	1	36	172
EL OBEID	00	7	32	3	0	0	—	18?		12					36	0	6	16	174
EL FÂSHER	00	8	04	3	0	2	1	—		11					44	0	5	6	175
GENEINA																—	—	4	179
KADUGLI	00	5	04	4	0	0	—	17		17					22	—	—	89	187
MALAKÂL	05	6	32	6	0	0	—	13		18					20	0	48	88	176
WÂU	00	8	02	1	0	0	—	14		18					30	0	178	145	177
JUBA	05	7	32	2	1	4	4,1	14		23					34	0	149	146	178

UPPER WINDS ON 2 (الرياح العليا يوم ٢)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAÎD	HELWÂN	MINYA	ASYÛT	ASWÂN	WÂDI HALFA (7 h.)	KAREIMA (6 h.)	~~KHARTÛM~~ Fasher (7 h.)	KASSALA	EL OBEID	MALAKÂL	JÛBA (7 h.)
								10 02 15	10 03 55	10 01 30				10 03 20
								15 01 20	15 01 20	15 03 15				15 04 35
								20 03 35	20 03 05	20 35 05				20 04 30
									30 26 15	30 [illegible] 35				
										40 30 35				
										45 09 35				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

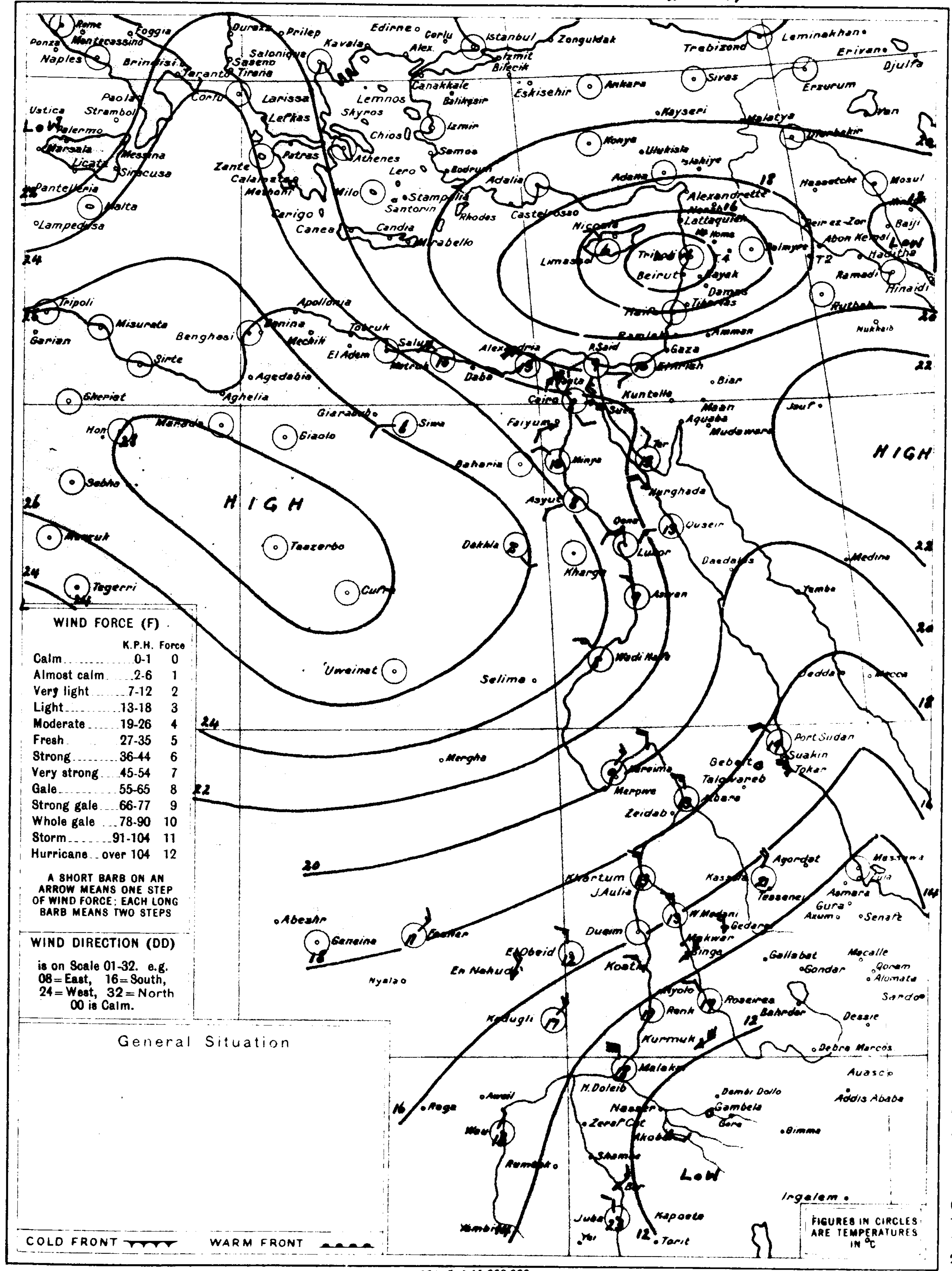
Station	Mean of day: Humidity % on 1st	Diff. from normal	Wet bulb temp. °C on 1st	Diff. from normal
Alexandria	53	-13	8.3	-3.0
Ezbekiya	62	-3	7.4	-2.9
Gîza	60	-10	7.9	-2.0
Helwân	57	+2	6.3	-2.8
Gîza Grass minimum on 2nd			3.4 °C	

Discharges at Aswân measured by sluices m.³ per sec.

DATE	~~1944~~	~~1944~~
2-2	1273	1505
1-2	1273	1389

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		12.62	-0.73	12.64	-0.71
Nâsser		5.43	-0.13	5.46	-0.14
Malakâl		10.31	-0.45	10.32	-0.46
Roseires		11.86	0.00	11.88	0.00
Sennâr Res.		20.64	—	20.68	—
J. Aulia U.S		—	—	377.03	—
J. Aulia D.S	↘	—	—	371.09	-0.52
Khartûm		10.08	-0.48	9.54	-0.74
Kh. el Girba					
'Atbara		10.01	-0.43	10.02	-0.43
Kajnarti		132.22	-1.17	132.28	-1.14
Aswân Res.		120.54	—	120.65	—
Aswân D.S.		85.32	-0.56	85.83	-0.55
Rôda (Cairo)		15.32	+0.29	15.03	+0.08

١٩٤٥-٢-٢ Isobars, Wind and Temperature at 8 h. 2-2-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North, 00 is Calm.

At 8 h. on 2nd (الساعة ٨ يوم ٢)

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	01	9	30	2	1	3	—	15.4	-1.4	6	—	—	—	—	—	1	495	306
Nag Hamadi	00	8	00	0	0	0	—	23.2	—	9.0	16	—	2	—	48	0	16	—
SHIPS سفن																		

Remarks

WATER TEMP. RIVER NILE CAIRO 13.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 h. 45 m.
Sunset 17 h. 33 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY, 1945 ١٩٤٥ شهر فبراير

At 14 h. on 2nd — الساعة ١٤ يوم ٢
At 8 h. on SATURDAY 3rd — الساعة ٨ يوم السبت ٣

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM																						—		—				—	130
MATRÛH	01	9	28	4	1	4	8	23.0	14.0	57																		120	131
DIKHEILA																												—	150
ALEXANDRIA	02	8	28	5	5	7	4	22.3	13.7	66	03	7	00	0	2	8	5	25.9	+7.8	11.0	15	-4	10	0	73	tr.	183	149	132
DAMIETTA	01	8	28	4	1	3	8	20.0	14.0	73	02	7	20	2	6	7	6	24.8	—	11.7	16	—	8	—	83	tr.	87	72	159
PORT SAÏD	02	8	26	4	2	5	8	19.9	15.2	66	02	8	22	2	5	6	4	24.6	+7.7	12.1	17	-2	9	-2	87	1	65	52	134
EL 'ARÎSH	01	9	30	1	1	3	8	17.8?	14.2	63	01	9	00	0	6	3	8	22.8	+5.2	12.7	16	-2	5	-2	78	6	189	54	135
LOWER EGYPT																													
DAMANHÛR	01	7	32	3	6	4	8	—	17.6	58	03	6	20	2	2	8	5	25.5	+8.0	9.3	17	-3	6	-1	86	1	70	64	136
MANṢURA	50	7	32	2	5	4	9	20.8	16.2	51	02	6	30	2	2	5	9	25.4	—	10.8	17	-3	9	+2	71	tr.	44	30	137
TANTA	02	7	20	4	1	5	8	21.2	16.5	56	03	6	00	0	2	8	7	25.9	+8.2	8.5	17	-3	5	-1	79	0	39	24	138
ZAGAZIG	02	5	28	2	1	5	9	21.2	16.4	69	01	6	20	2	1	4	9	25.5	+7.4	10.4	—	—	6	0	85	0	36	16	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	27	2	1	5	8	22.3	15.4	56	00	7	00	0	0	3	4,5	25.2	—	11.0	—	—	6	—	69	tr.	40	—	141
CAIRO EZBEKIYA	01	8	28	2	1	4	8	21.4	16.3	45	05	5	22	1	0	2	4	25.6	+7.2	8.8	18	-2	7	-1	74	0	37	15	—
CAIRO GIZA	01	8	28	2	1	4	8	21.9	17.6	43	08	4	00	0	4	0	—	25.8	+6.8	7.4	19	0	4	-2	94	tr.	34	16	—
HELWÂN	02	8	26	4	2	5	8	21.6	14.2	44	05	6	32	1	0	0	—	25.8	+7.0	8.5	15	-4	7	-1	77	0	46	16	143
SUEZ	02	8	28	3	0	6	9	20.6	16.6	—	01	8	02	1	0	4	8	24.8	+7.1	11.4	16	-4	8	-2	71	0	36	11	144
UPPER EGYPT																													
FAIYÛM	02	8	30	3	2	5	6	22.0	15.2	45	08	4	00	0	4	0	—	26.2	+7.8	8.9	16	-5	7	+1	81	0	72	5	153
MINYA	02	8	30	3	2	5	8	22.2	16.2	34	00	8	02	1	1	2	4	25.2	+6.3	12.2	17	-4	6	0	65	0	1	—	154
ASYUT	01	8	28	2	1	4	8	22.7	15.8	47	00	6	22	1	0	0	—	25.4	+5.7	7.1	17	-4	4	-2	81	0	14	4	155
QENA	00	8	26	4	0	0	—	21.1	18.0	33	05	7	28	1	0	0	—	24.2	+6.1	7.6	20	-4	4	-3	69	0	20	—	156
LUXOR	00	7	30	3	0	0	—	21.2	18.0	30												—		—				—	157
ASWAN	02	9	32	3	1	5	1	20.4	16.0	24	00	9	32	2	0	0	—	22.2	+3.6	8.5	18	-6	6	-4	49	0	dt.	—	158
WESTERN DESERT																													
SIWA	00	8	26	4	0	0	—	23.9	15.0	68	00	7	00	0	0	0	—	26.6	+6.6	4.5	16	-4	2	-2	76	0	2	6	148
BAHARIYA	01	9	00	0	1	4	—	22.0	17.0	43	00	9	00	0	0	0	—	25.6	+6.5	7.5	19		4	—	65	0	7	—	149
KHARGA	00	9	32	2	0	0	—	21.2	17.0	32	00	8	32	1	0	0	—	24.8	+6.0	8.9	18	-5	4	-2	49	0	4	—	151
DAKHLA	00	8	28	3	0	0	—	22.3	16.0	59	00	7	00	0	0	0	—	25.2	+5.6	5.1	18	-4	2	-3	77	0	tr.	—	152
RED SEA																													
TÔR	00	7	28	3	0	0	—	21.2	17.0	59	00	7	02	3	0	0	—	23.0	+5.6	13.0	17	-4	9	0	59	0	3+	10	145
HURGHADA	00	9	30	4	0	0	—	20.0	17.4	32	01	8	16	4	1	5	6	—	—	14.5	18	-4	10	0	48	0	8	—	146
QUṢEIR	00	8	32	3	0	0	—	19.9	17.2	41	00	8	30	3	0	0	—	21.5	+4.8	14.6	20	-3	12	-2	52	0	20	—	147
PORT SUDAN																										0	81	91	169
NORTH SUDAN																													
WÂDI HALFA	00	7	30	4	1	2	4,1	19	17	22	00	8	31	2	0	0	—	24?		8					58	0	0	—	165
KAREIMA	00	7	04	4	0	0	—	16	21	17	00	8	04	2	0	0	—	19		11					38	0	0	1	166
'ATBARA	33	3	32	5	3	9	—	12	25	18	00	7	04	4	0	0	—	17		13					29	0	0	2	167
KHARTÛM																										0	tr.	4	168
KASSALA	00	8	30	2	0	0	—	6	31	33	00	8	02	3	0	0	—	12		21					57	0	7	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	7	02	3	0	0	—	9	28	25	00	8	32	4	0	0	—	15		16					30	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	32	4	0	0	—	9	23	27	00	9	28	3	0	0	—	14		17		—		—	22	—	—	49	182
ROSEIRES	00	7	02	2	0	0	—	8	30	13	00	7	30	2	0	0	—	13		19					24	0	1	36	172
EL OBEID	00	8	32	4	0	0	—	12	23	13	00	8	32	3	0	0	—	18		12					26	0	6	16	174
EL FÂSHER	00	8	04	2	0	0	—	—	24	22	00	7	32	2	0	0	—	—		11					44	0	5	6	175
GENEINA	00	7	02	4	0	0	—	—	24	19	00	8	02	4	0	0	—	—		13					15	—	—	4	179
KADUGLI	00	8	02	3	0	0	—	10	28	42	00	7	02	4	0	0	—	15		18					30	—	—	89	187
S. SUDAN																													
MALAKÂL	05	6	02	4	0	0	—	7	29	13	05	6	32	6	0	0	—	12		20					15	0	48	88	176
WÂU	00	8	02	2	0	0	—	9	29	12	00	8	02	2	0	1	1	11		18					24	0	178	145	177
JÛBA	05	6	04	3	1	6	2	7	34	08	05	6	32	1	0	0	—	14		24					21	0	149	146	178

UPPER WINDS ON 3rd — الرياح العليا يوم ٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAÏD	HELWÂN	MINYA	ASYUT	AṢWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA
h. m.	h. m.	h. m.	h. m.	9 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	8 h. m.	h. m.	h. m.	h. m.	7 h. m.	8 h. m.
				02 27 05		02 35 15	02 36 15	10 02 40	10 04 55				10 03 70	10 01 15
				05 33 20		05 01 30	05 02 40	15 03 25	15 36 30				15 03 75	15 05 20
				08 35 25		10 01 25	10 05 40	20 02 20	20 02 25					20 07 20
				10 36 20		15 05 25	15 11 10	30 30 15	30 28 30					
				15 01 20		20 02 10	20 35 15							
				20 05 25		30 36 20	25 30 30							
				23 33 10										
				25 32 05										
				30 28 15										
				34 30 20										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 2nd	Humidity Diff. from normal	Wet bulb temp °C on 2nd	Wet bulb Diff. from normal
Alexandria	50	-16	9.5	-1.8
Ezbekiya	74	+7	9.2	-1.1
Gîza	71	+1	9.9	0.0
Helwân	66	+11	8.0	-1.1

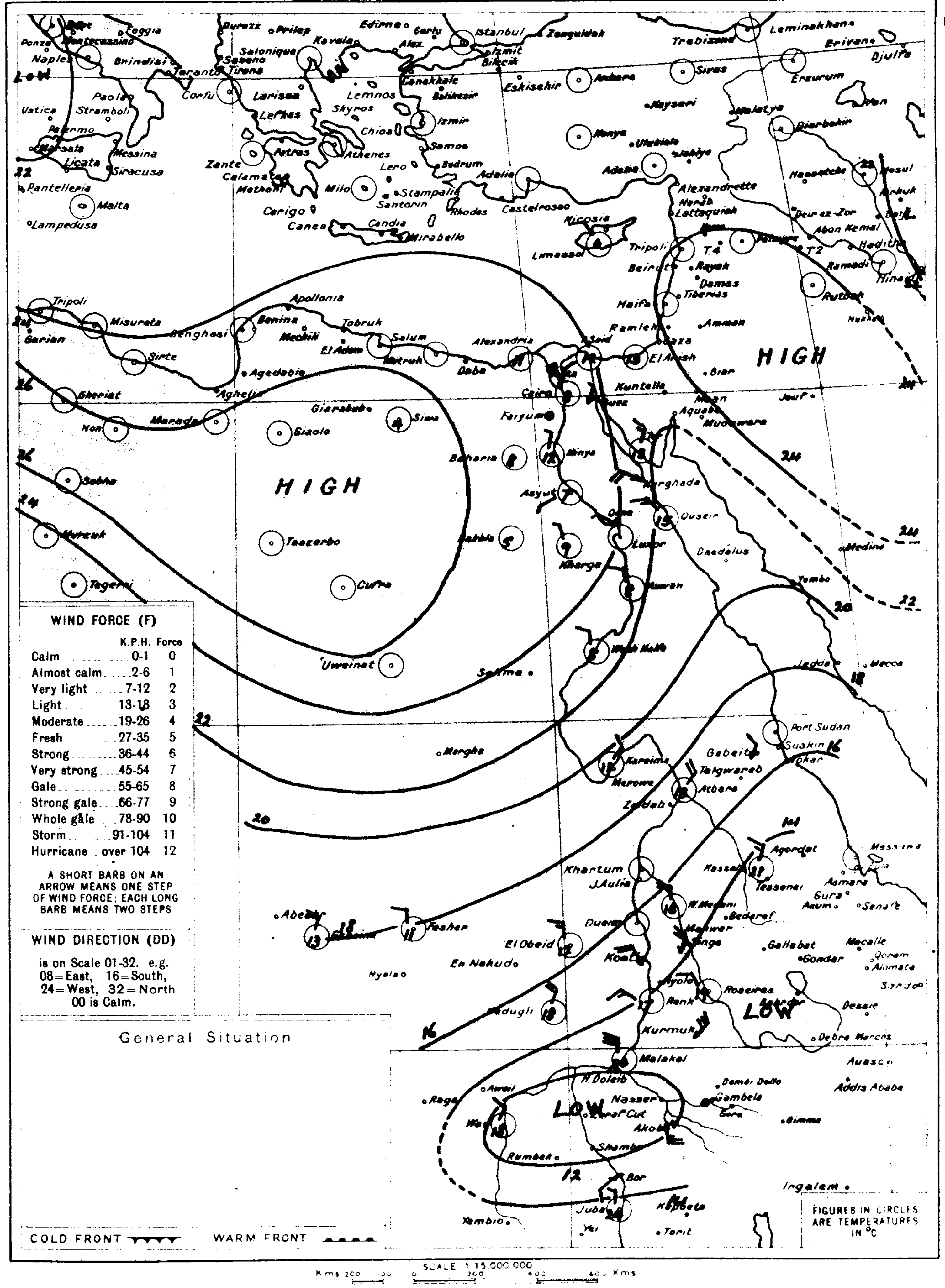
Gîza Grass minimum on 3rd: 0.1 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
3-2	1373	1505
2-2	1373	1505

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	12.62	-0.73
Nasser		—	—	5.43	-0.13
Malakâl		10.30	-0.44	10.31	-0.45
Roseires		11.85	+0.01	11.86	0.00
Sennâr Res.		—	—	20.64	—
J. Aulia U.S	٢	—	—	—	—
J. Aulia D.S	١	—	—	—	—
Khartûm		10.22	-0.32	10.68	-0.48
Kh. el Girba	٣				
'Atbara		9.97	-0.46	10.01	-0.43
Kajnarti		—	—	133.22	-1.17
Aswân Res.		120.43	—	120.54	—
Aswân D.S.		85.87	-0.57	85.82	-0.56
Rôda (Cairo)		15.52	+0.41	15.32	+0.29

Isobars, Wind and Temperature at 8 h. 3-2-1945 ١٩٤٥-٢-٣



STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.
At 8 h. on 3rd — الساعة ٨ يوم ٣																		
N. Hamadi	00	8	00	0	0	0	—	14.3	—	6.9	17	—	1	—	73	0	16	—
Limassol	00	9	30	2	0	2	—	23.9	+7.2	6	—	—	—	—	—	81.	495	309
SHIPS سفن																		

Remarks
Water Temp. River Nile Cairo 13.6 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)
Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 h. 47 m.
Sunset 17 h. 34 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month *FEBRUARY* 1945 — ١٩٤٥ شهر فبراير

At 14 h. on 3rd — الساعة ١٤ يوم ٣ ; At 8 h. on SUNDAY 4th — الساعة ٨ يوم الأحد ٤

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C	Max. Diff. from norm. °C	Minimum Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.	Station Number
SALUM																													130
MATRUH	03	1	28	2	2	6	6	-	14.0	78	01	9	20	1	1	4	8	23.8	+6.6	12.8	16	-2	7	-2	80	0	75	121	131
DIKHEILA																													150
ALEXANDRIA	01	9	29	2	2	4	8	25.0	17.0	45	00	9	00	0	0	0	—	24.4	+6.3	14.2	19	0	10	0	57	0	183	151	132
DAMIETTA	02	8	26	3	1	5	6	24.3	15.9	79	02	8	28	2	2	5	7	23.8	—	12.0	16		10		86	0	88	73	159
PORT SAID	02	8	30	2	5	5	4	24.2	15.0	71	02	8	28	2	2	5	4	23.1	+6.2	14.4	16	-3	12	+1	77	dr.	65	52	134
EL ARISH	01	9	20	1	1	3	8	24.6	12.4	62	00	9	00	0	0	0	—	23.9	+6.3	12.4	17	-1	7	0	68	0	189	55	135
DAMANHUR	02	6	24	3	2	5	8	25.0	16.2	49	00	5	04	2	0	0	—	24.4	+7.0	7.8	17	-3	5	-2	86	0	70	64	136
MANSURA	02	7	24	2	2	5	8	25.1	17.6	48	01	7	02	2	1	3	8	24.0	—	10.2	19	-1	7	0	68	0	44	31	137
TANTA	02	8	00	0	2	7	7	24.6	15.5	54	00	7	00	0	0	0	—	24.4	+6.7	7.8	18	-2	3	-3	94	0	39	25	138
ZAGAZIG	02	6	18	2	1	6	9	24.9	17.8	61	00	7	02	2	0	3	8	23.9	+5.9	8.9	20	0	7	+1	86	0	36	16	139
CAIRO ALMAZA											05	6	00	0	0	4	6	24.3	—	8.5	18		8		83	0	40		141
CAIRO EZBEKIYA	01	7	28	3	1	5	6	24.3	16.8	45	08	4	00	0	4	2	4	24.0	+5.7	9.7	18	-2	7	-1	79	0	37	15	—
CAIRO GIZA	02	8	28	2	1	5	6	23.9	17.7	39	09	5	00	0	4	3	6	24.2	+5.3	8.3	19	-1	5	-1	86	0	34	16	—
HELWAN	01	7	02	3	0	4	8	24.3	15.9	36	09	5	02	1	1	3	6	23.9	+5.2	9.4	17	-2	8	0	80	0	46	16	143
SUEZ	01	9	02	2	0	4	8	23.6	16.4	61	00	9	30	1	0	0	—	23.0	+5.3	13.0	20	0	8	-2	81	0	36	11	144
FAIYUM	01	8	02	2	1	3	8	24.3	16.8	37	00	7	30	2	0	2	3	24.0	+5.7	8.9	19	-2	5	-1	74	0	72	5	153
MINYA	00	9	32	3	1	2	8	23.9	17.6	33	00	8	30	1	0	0	—	23.0	+4.1	8.7	18	-3	4	-2	77	0	1		154
ASYUT	00	8	30	1	0	0	—	23.0	16.3	42	00	6	24	1	0	0	—	23.2	+3.6	6.7	18	-3	3	-3	83	0	14	4	155
QENA	00	8	20	2	0	0	—	20.7	20.0	40	05	7	28	1	0	0	—	22.0	+4.0	8.8	21	-3	4	-3	67	0	20		156
LUXOR	00	7	06	2	0	0	—	20.8	20.8	28																0	tr.		157
ASWAN	00	9	32	4	0	0	—	18.6	20.3	24	01	9	32	1	1	4	1	20.2	+1.7	9.4	21	-3	7	-3	46	0	dr.	—	158
SIWA	00	8	00	0	0	0	—	25.8	16.8	63	00	7	00	0	0	0	—	25.0	+5.1	4.8	19	-1	1	-3	74	0	2	6	148
BAHARIYA	00	9	00	0	0	0	—	24.7	16.5	47	00	9	00	0	0	0	—	24.3	+5.3	7.5	18		3		65	0	7		149
KHARGA	00	9	04	2	0	0	—	21.9	17.2	31	01	8	02	2	1	4	1	21.4	+2.6	10.7	18	-6	6	0	53	0	4	—	151
DAKHLA	00	8	28	4	0	0	—	23.6	15.7	73	00	7	28	1	0	0	—	23.1	+3.6	5.7	17	-5	3	-2	77	0	tr.		152
TOR	00	7	28	4	0	0	—	21.8	18.0	71	00	7	32	3	0	0	—	20.4	+3.1	8.0	20	-1	5	-4	59	0	3*	10	145
HURGHADA	00	9	30	4	0	0	—	20.6	18.0	36	01	8	28	4	1	3	8	21.2	+4.2	14.1	18	-4	10	0	47	0	8	—	146
QUSEIR	02	8	32	3	1	5	5	20.7	18.7	65	00	8	28	2	0	0	—	18.8	+2.1	15.6	20	-3	13	-1	60	0	20	—	147
PORT SUDAN																										0	81	91	169
WADI HALFA	00	9	30	4	0	0	—	19	19	26	00	9	30	2	0	0	—	19		8					31	0	0	—	165
KAREIMA	00	8	04	3	0	0	—	15	23	10	00	8	04	2	0	0	—	17		11					41	0	0	1	166
ATBARA	00	7	32	4	0	0	—	12	26	23	00	7	30	4	0	0	—	14		14					36	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	30	2	0	0	—	7	31	31	00	8	00	0	0	0	—	11		20					56	0	9	8	170
WAD MEDANI	00	8	32	4	0	0	—	9	30	18	00	9	32	2	0	0	—	13		16					19	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	30	3	0	0	—	8	29	14	00	9	28	3	0	0	—	13		19	—				28	0	—	49	182
ROSEIRES	00	7	04	2	0	0	—	8	32	31	00	7	26	2	0	0	—	13?		19					60	0	1	36	172
EL OBEID	00	9	04	2	0	0	—	12	24	09	00	9	30	3	0	0	—	15		13					19	0	6	16	174
EL FASHER	00	8	02	2	0	0	—	—	24	—																0	5	6	175
GENEINA	00	7	02	3	0	0	—	—	25	21																—	—	4	179
KADUGLI	00	7	32	4	0	0	—	9	29	22	00	7	04	4	0	1	1	13		19					19	—	—	89	187
MALAKAL	00	7	02	5	0	0	—	6	32	14	00	8	32	5	0	0	—	11		21					25	0	48	88	176
WAU	00	8	02	3	0	0	—	7	30	13	00	8	32	1	1	3	4	12		19					56	0	178	145	177
JUBA	05	7	04	2	0	0	—	7	34	09	05	6	00	0	1	3	2	12		23					53	0	149	147	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 4th يوم ٤

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 45 m.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 7 h.	KHARTUM	KASSALA	EL OBEID 7 h.	MALAKAL 7 h.	JUBA 7 h.
				02 03 15		02 30 10	02 36 15	10 03 20	10 03 45			10 03 55	10 02 17	10 02 20
				05 02 25		05 02 25	05 04 30	15 36 20	15 03 40			15 06 40	15 04 70	15 03 35
				08 04 30		10 36 20	10 06 28	20 36 15	20 03 30			20 04 15	20 05 35	20 02 30
				10 04 30		15 35 25	15 06 20	30 28 20				30 05 15		
				15 04 25		20 33 05	20 01 15	40 26 40				40 36 05		
				20 36 15		25 34 20	25 32 10	45 27 55				45 24 05		
				23 34 15		30 33 30						50 23 05		
				25 33 20										
				30 31 35										
				35 29 35										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 3rd	Diff. from normal	Wet bulb temp °C on 3rd	Diff. from normal
Alexandria	63	-2	9.9	-1.4
Ezbekiya	63	-1	9.2	-1.1
Giza	73	+3	9.3	-0.7
Helwan	59	+5	8.4	-0.7

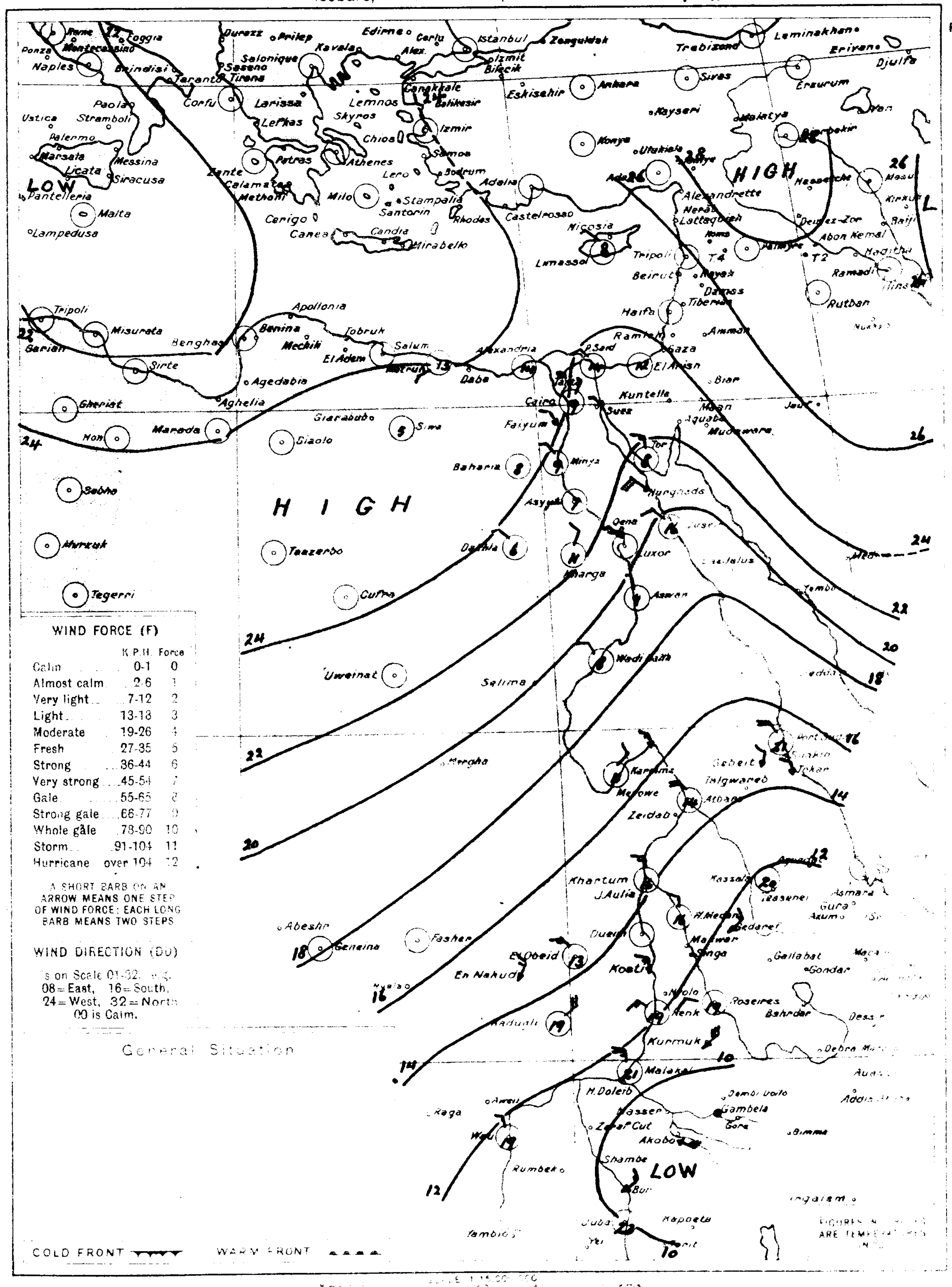
Giza Grass minimum on 4th: 1.2 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
4-2	1273	1505
3-2	1273	1505

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal
Juba		—	—	12.62	-0.72
Nasser		—	—	5.42	-0.10
Malakal		10.32	-0.39	10.30	-0.44
Roseires		11.82	-0.01	11.85	+0.01
Sennar Res.		—	—	20.60	—
J. Aulia U.S		—	—	377.98	—
J. Aulia D.S		—	—	371.40	-0.17
Khartum		—	—	10.22	-0.32
Kh. el Girba					
Atbara		—	—	9.97	-0.46
Kajnarti		—	—	132.17	-1.78
Aswan Res.		120.32	—	120.43	—
Aswan D.S.		85.82	-0.58	85.82	-0.57
Roca (Cairo)		15.82	+0.60	16.32	+0.41

1945 ٤-٢- Isobars, Wind and Temperature at 8 h. 4-2-45



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

At 8 h. on 4th

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C	Yesterday Max.	Diff. from norm.	Today Min.	Diff. from norm.	Humidity	Rain Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Naghamadi	00	8	00	0	0	0	—	21.2	—	7.3	20	—	4	—	72	0	16	—
Limassol	02	8	28	1	1	5	—	24.4	+7.7	8	—	—	—	—	—	0	495	312

SHIPS سفن

Remarks

WATER TEMP. RIVER NILE CAIRO 14.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12

VISIBILITY

50 metres	
200	
500	2
1 kilometre	3
2	
4	
10	
20	
50	
Visible over 50 kms	9

CLOUD AMOUNT (N)

Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

CAIRO
Time of Sunrise 06 h 43 m
Sunset 17 h 35 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY, 1945 — ١٩٤٥ شهر فبراير

At 14 h. on 4th (الساعة ١٤ يوم ٤) — At 8 h. on MONDAY 5th (الساعة ٨ يوم الاثنين ٥)

Station	14h ww Present weather	14h V Visibility	14h DD Wind dir	14h F Force	14h W Past weather	14h N Cloud amount	14h C Cloud form	14h PPP Bar. press. M.S.L. 1000+ mbs.	14h TTT Temp. °C	14h UU Humidity %	8h ww Present weather	8h V Visibility	8h DD Wind dir	8h F Force	8h W Past weather	8h N Cloud amount	8h C Cloud form	8h PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry bulb °C	Max. yesterday °C	Diff. from norm. °C	Min. today °C	Diff. from norm. °C	Humidity %	Rain past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station number
MEDITERRANEAN																													
SALUM																													130
MATRUH	01	9	02	1	1	5	8	23.0	16.3	66	01	9	24	1	1	5	8	21.6	+4.4	11.7	17	-1	9	0	98	0	75	122	131
DIKHEILA																													150
ALEXANDRIA	01	9	04	1	2	4	8	22.8	16.0	56	02	9	00	0	2	5	8	21.1	+3.1	16.0	18	-1	12	+2	57	0	183	151	132
DAMIETTA	02	8	30	3	2	6	6	22.0	15.0	68	02	7	30	1	1	5	6	20.0	—	11.2	17	—	9	—	95	0	88	73	159
PORT SAID	00	8	30	3	1	3	6	22.0	17.4	65	01	8	02	2	1	5	5	19.4	+2.6	14.6	19	0	13	+2	65	0	65	53	134
EL ARISH	00	9	30	1	0	0	—	21.4	15.7	47	01	9	00	0	1	3	8	18.8	+1.2	11.7	19	+1	10	+3	83	0	189	56	135
LOWER EGYPT																													
DAMANHUR	02	7	32	3	2	5	8	22.0	16.3	48	01	5	32	2	1	4	1	20.6	+3.2	11.6	19	-1	7	0	79	0	70	65	136
MANSURA	01	7	04	2	1	4	9	22.0	16.8	51	02	6	32	2	2	5	9	20.2	—	11.2	19	-1	9	+2	81	0	44	31	137
TANTA	02	8	32	1	1	5	8	21.9	17.5	48	01	7	32	1	1	4	8	21.1	+3.5	8.0	20	0	4	-2	84	0	39	25	138
ZAGAZIG	02	5	28	2	1	6	9	21.2	18.2	62	01	7	26	2	1	4	8	21.0	+3.0	9.4	20	0	6	0	91	0	36	16	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	04	3	1	5	8	22.2	16.6	46	05	6	06	1	1	3	2	20.6	—	9.0	18	—	6	—	84	0	40	—	141
CAIRO EZBEKIYA	02	8	32	2	1	5	8	21.5	17.0	48	08	4	32	2	4	3	6	19.8	+1.6	10.1	19	-1	7	-1	87	0	37	15	—
CAIRO GIZA	01	8	04	2	1	5	8	21.0	17.6	36	08	4	00	0	4	3	1	19.6	+0.6	7.7	18	-2	5	-1	90	0	34	16	—
HELWAN	02	8	30	4	2	5	8	21.4	16.9	37	01	6	02	4	1	4	1	19.1	+0.4	11.4	17	-2	9	+1	70	0	46	16	143
SUEZ	01	9	02	3	0	4	5	21.4	17.3	56	00	9	30	2	0	0	—	18.7	+1.1	12.8	19	-1	10	0	80	0	36	11	144
UPPER EGYPT																													
FAIYUM	02	8	02	4	2	7	2	21.1	17.2	40	02	7	32	2	2	5	5	20.0	+1.8	9.3	17	-4	9	+3	86	0	72	5	153
MINYA	01	9	32	3	1	3	2	19.9	18.6	34	02	6	32	3	2	7	5	19.0	+0.2	10.0	19	-2	9	+3	80	0	1	—	154
ASYUT	01	7	30	1	1	5	5	19.4	17.8	41	03	6	22	1	2	8	4	17.8	-1.8	8.5	20	-1	6	0	88	0	14	4	155
QENA	01	8	26	2	0	4	1	18.2	20.2	40	02	7	12	1	0	5	2	16.6	-1.3	10.4	21	-3	6	-1	73	0	20	—	156
LUXOR	00	7	06	2	0	0	—	17.9	22.5	34	00	7	28	2	0	0	—	16.8	—	10.0	23	—	6	—	—	0	tr.	—	157
ASWAN	02	9	32	3	1	5	1	15.6	21.0	27	02	9	00	0	1	5	1	15.8	-2.7	12.6	22	-2	8	-3	44	0	dy.	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	23.5	17.3	60	02	7	00	0	1	6	4	22.3	+2.5	7.6	19	-2	5	+1	75	0	2	6	148
BAHARIYA	00	9	32	1	0	0	—	—	15.0	49	01	9	00	0	1	4	—	21.1	+2.3	10.0	18	—	6	—	74	0	7	—	149
KHARGA	01	9	04	2	1	5	2	19.1	19.0	30	01	8	02	2	1	5	3	17.0	-1.7	12.9	20	-3	10	+4	51	0	4	—	151
DAKHLA	00	8	09	2	0	0	—	20.3	18.0	69	00	7	24	1	0	0	—	18.6	-0.8	11.2	20	-3	5	0	83	0	tr.	—	152
RED SEA																													
TOR											02	6	04	2	0	6	2	16.2	-1.1	12.8	19	-2	9	0	59	0	3 x	10	145
HURGHADA	00	9	30	4	0	0	—	20.0	19.0	38	02	7	30	5	1	6	0	14.7	-0.2	14.1	—	—	—	—	56	0	8	—	146
QUSEIR	00	8	02	3	0	0	—	17.8	20.0	55	02	8	30	2	2	5	5	14.7	-1.9	16.0	21	-2	15	+1	44	0	20	—	147
PORT SUDAN																										0	81	91	169
NORTH SUDAN																													
WADI HALFA	00	8	30	4	0	1	1	15	22	19	00	8	30	2	0	3	2	16		9					34	0	0	—	165
KAREIMA	00	8	04	3	0	0	—	13	26	16	00	8	00	0	0	0	—	14		12					38	0	0	1	166
ATBARA	01	8	32	3	1	5	2	9	27	22	00	8	28	4	0	0	—	12		16					49	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	32	3	0	0	—	5	32	34	00	8	00	0	0	0	—	9		18					49	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	32	4	0	0	—	7	31	17	00	9	32	3	0	0	—	12		17					28	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	26	3	0	0	—	6	30	18	00	9	30	3	0	0	—	10	—	20			—	—	26	—	—	49	182
ROSEIRES	00	7	24	2	0	0	—	—	33	34	00	7	04	2	0	0	—	12?		20					35	0	1	36	172
EL OBEID	00	9	02	4	0	0	—	?	26	11	00	9	32	3	0	2	1	13		16					24	0	6	16	174
EL FASHER	00	8	04	2	0	0	—	—	26	27	00	9	32	2	0	1	1	—		12					36	0	5	6	175
GENEINA	00	8	04	3	0	0	—	—	26	13	00	8	04	3	0	0	—	—		13					21	—	—	4	179
KADUGLI	00	8	02	4	0	0	—	8	31	17	00	8	02	4	0	0	—	11		21					35	—	—	89	187
S. SUDAN																													
MALAKAL	00	8	32	5	0	0	—	4	33	10	01	8	32	4	0	3	4	9		22					19	0	49	68	176
WAU	00	8	02	2	0	0	—	7	30	14	02	8	00	0	1	5	4,2	10		19					32	0	178	145	177
JUBA	00	8	04	2	0	0	—	5	34	19	01	8	00	0	1	4	6	11		23					53	0	149	147	178

UPPER WINDS ON 5th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 45 m.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 6 h.	[illegible] 7 h.	[illegible] 7 h.	EL OBEID 7 h.	MALAKAL	JUBA 7 h.
				02 04 25		02 32 20	02 02 10	10 02 35	10 03 35	10 03 20	10 06 30	10 03 50		10 01 15
				05 03 40		05 01 30	05 03 30	15 36 15	15 36 10	15 04 10	15 01 30	15 01 20		15 05 15
				06 04 35		10 35 30	10 36 25	20 29 10	20 32 15	20 30 20	20 03 15	20 35 15		20 36 15
				10 05 50		15 32 15	15 35 15	30 29 40	30 29 40	30 26 20	30 36 15	30 31 10		25 36 15
				15 03 60		20 29 20	20 35 10	40 27 75?	40 27 40	40 23 30	40 34 15			
				20 03 25		30 31 25	25 34 10				60 21 40			
				23 34 15										
				25 34 05										
				30 26 15										
				32 30 15										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 4th	Diff. from normal	Wet bulb temp. °C on 4th	Diff. from normal
Alexandria	52	-13	10.5	-0.8
Ezbekiya	70	+6	9.9	-0.4
Giza	75	+6	9.3	-0.7
Helwan	65	+11	9.3	+0.2

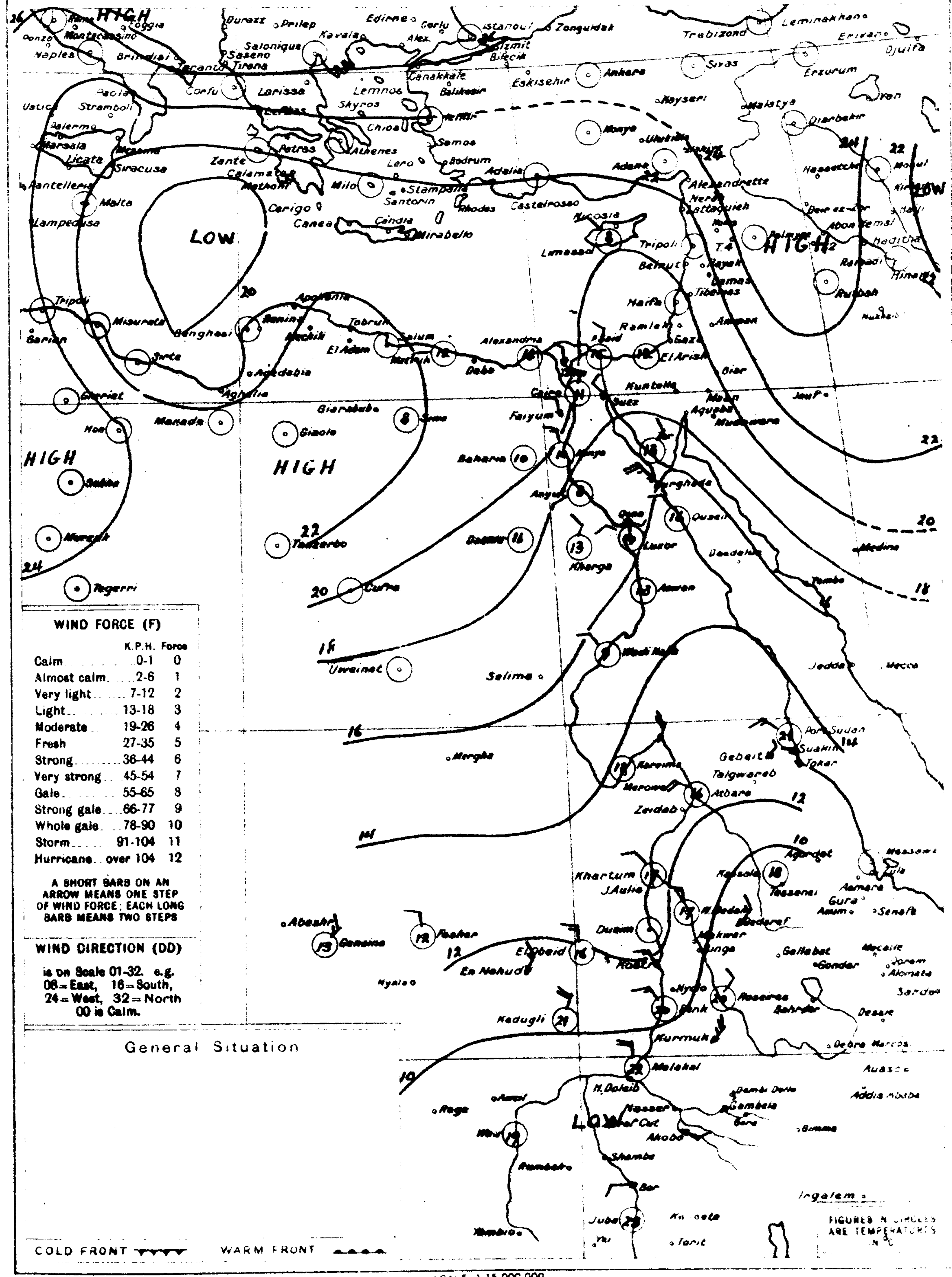
Giza Grass minimum on 5th 2.5 °C

Discharges at Aswan measured by sluices m³ per sec

Date	1945	1944
5-2	1273	1505
4-2	1273	1505

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	—	—
Nasser		—	—	5.40	-0.07
Malakal		10.33	-0.36	10.32	-0.39
Roseires		11.82	0.00	11.82	-0.01
Sennar Res.	5-2	—	—	20.57	—
J. Aulia U.S.		—	—	377.05	—
J. Aulia D.S.				371.50	-0.03
Khartum		10.42	-0.09	10.32	-0.20
Kh. el Girba					
Atbara		10.07	-0.34	9.76	-0.46
Kajnarti		132.07	-1.21	132.11	-1.20
Aswan Res.		130.33	—	130.32	—
Aswan D.S.		85.82	-0.58	85.82	-0.58
Roda (Cairo)		16.20	+0.90	15.82	+0.60

Isobars, Wind and Temperature at 8 h. 5-2-1945 (١٩٤٥-٢-٥)



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000 000

Station	ww Present weather	V Visibility	DD Wind dir	F Force	W Past weather	N Cloud amount	C Cloud form	PPP M.S.L. 1000+ mbs	Diff. from normal	Dry bulb °C	Max. yesterday °C	Diff. from norm.	Min. today °C	Diff. from norm.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
At 8 h. on 5th (٥ يوم الاثنين)																		
N. Hamadi	02	8	00	0	0	5	4	16.3	—	9.1	20	—	7	—	75	0	16	—
Limassol	02	9	28	2	1	5	—	21.1	+4.5	8	—	—	—	—	—	0	495	315
SHIPS سفن																		

Remarks: Water Temp. River Nile Cairo 14.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick haze	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	57
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	85, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94 96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION. INLAND POST P.T. 108 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 43 m
Sunset 17 h 36 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY, 1945 — ١٩٤٥ شهر فبراير

At 14 h. on 5th — الساعة ١٤ يوم ٥ — At 8 h. on TUESDAY 6th — الساعة ٨ يوم الثلاثاء ٦

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	8h Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN	SALÛM																						—		—				—	130
	MATRÛH	01	9	28	2	1	5	8	19.2	16.0	71																		123	131
	DIKHEILA																						—		—				—	150
	ALEXANDRIA	01	9	04	2	2	4	8	18.3	17.4	49	02	9	04	1	2	5	8	14.8	-3.2	14.4	19	0	13	+3	57	0	183	152	132
	DAMIETTA	01	8	32	2	1	4	8	17.4	16.0	71	01	8	20	1	1	4	9	14.3	—	13.0	17	—	9	—	66	0	88	74	159
	PORT SAÎD	01	8	02	3	1	4	8	17.4	19.4	54	50	8	02	2	5	7	9	13.2	-3.6	12.5	20	+1	12	+1	88	1	66	53	134
	EL 'ARÎSH	01	9	30	1	1	3	8	16.6	16.3	39	01	8	30	1	1	5	8	12.4	-5.2	15.2	20	+2	10	+3	53	0	189	56	135
LOWER EGYPT	DAMANHÛR	01	7	04	3	1	6	8	17.8	17.0	50	02	6	28	3	1	5	1	14.4	-2.9	10.0	18	-2	6	-1	84	0	70	65	136
	MANSÛRA	01	7	02	2	1	4	9	17.9	17.0	54	01	7	24	1	1	3	8	14.2	—	10.5	19	-1	7	0	84	0	44	32	137
	TANTA	02	7	32	2	2	6	9	17.4	18.6	54	00	7	00	0	1	0	—	14.4	-3.2	8.0	19	-1	4	-2	93	0	39	25	138
	ZAGÂZÎG	02	7	04	2	1	5	8	17.2	18.4	60	00	7	28	2	0	2	8	13.9	-4.0	7.8	20	0	5	-1	94	0	36	16	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	02	8	03	4	1	5	8,1	17.9	17.7	42	06	6	00	0	1	3	4	16.0	—	10.8	18		6		75	0	40	—	141
	EZBEKIYA	02	7	32	3	1	6	8	17.0	17.9	43	09	5	00	0	0	3	4	14.4	-3.7	9.0	19	-2	7	-1	86	0	37	15	—
	GÎZA	02	8	32	3	1	5	8	17.0	18.0	38	09	5	00	0	0	3	4	14.6	-4.1	9.8	19	-1	5	-1	79	0	34	16	—
	HELWÂN	02	7	32	5	1	6	2	16.4	17.3	38	09	5	28	2	0	2	4	14.4	-4.2	9.9	18	-1	8	0	75	0	46	16	143
	SUEZ	01	8	32	4	0	4	8	16.0	17.8	63	01	7	32	3	1	5	9	13.5	-4.0	12.1	19	-1	8	-2	87	0	36	11	144
UPPER EGYPT	FAIYÛM	02	8	32	4	2	7	5	16.7	17.8	35	02	8	02	1	1	6	4	14.8	-3.3	9.5	18	-3	7	+1	78	0	72	5	153
	MINYA	02	7	28	4	2	7	6	15.8	17.4	40	01	8	30	2	1	4	5	14.8	-3.9	9.5	17	-4	8	+2	82	0	1	—	154
	ASYÛT	01	8	30	1	2	5	5	16.2	17.5	46	01	6	26	1	1	5	5	14.3	-5.2	10.0	19	-2	8	+2	86	0	14	4	155
	QENA	01	6	22	2	2	4	1	14.6	20.2	36	02	6	22	4	1	8	2	11.9	-6.0	12.2	22	-2	10	+3	70	0	20	—	156
	LUXOR	02	7	26	2	2	5	1	14.3	24.0	29	03	7	26	2	2	8	2	12.4	—	13.2	24	—	11	—	64	0	tr.	—	157
	ASWÂN											01	9	24	1	1	3	1	11.8	-6.6	12.6	23	-2	9	-2	48	0	dy.	—	158
WESTERN DESERT	SÎWA	03	8	00	0	2	8	5	20.4	18.5	58	00	7	00	0	0	0	—	19.1	-0.6	7.5	19	-2	4	0	54	0	2	6	148
	BAHARÎYA	01	9	00	0	1	4	—	17.5	17.5	48	00	9	00	0	0	0	—	16.8	-2.0	10.5	19		6		69	0	7	—	149
	KHARGA	02	9	30	2	2	5	3	15.1	18.8	30	02	8	32	2	2	6	5	14.8	-3.8	12.7	20	-3	12	+6	39	0	4	—	151
	DÂKHLA	00	8	32	3	0	0	—	16.2	18.9	64	00	7	28	2	0	0	—	16.0	-3.4	11.4	20	-3	11	+6	—	0	tr.	—	152
RED SEA	TÔR	02	6	28	3	1	6	2	13.4	18.7	70	02	6	04	2	1	6	5	12.7	-4.5	12.4	19	-2	11	+2	64	0	3 +	10	145
	HURGHÂDA	02	7	30	5	1	5	0		17.5	49	02	7	30	5	3	5	0	—	—	14.1	20	-2	10	0	36	0	8	—	146
	QUSEIR	00	8	32	3	0	0	—	13.5	19.6	52	03	8	28	2	2	8	9	9.8	-6.7	16.0	20	-3	15	+1	44	0	20	—	147
	PORT SUDAN																										0	81	91	169
NORTH SUDAN	WÂDI HALFA	01	9	30	4	1	3	4	14	22	19	01	9	28	2	1	4	4,1	14		11					47	0	0	—	165
	KAREIMA	00	8	04	3	0	3	2	10	27	13	01	8	32	1	1	3	1	12		11					38	0	0	1	166
	'ATBARA	00	8	04	4	0	0	—	7	28	22	01	8	32	2	0	4	1	10		16					39	0	0	2	167
	KHARTÛM																										0	tr.	4	168
	KASSALA	00	8	30	2	0	0	—	3	34	22	00	8	00	0	0	0	—	8		20					49	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	00	8	32	4	0	2	1	6	31	16	01	8	02	1	1	4	1	10		17					24	0	8	12	171
	DUEIM																										0	4	13	173
	RENK	00	9	28	3	0	0	—	6	32	09	00	9	30	3	0	0	—	9	—	20		—		—	26	—	—	49	182
	ROSEIRES	00	7	26	2	0	0	—	6	34	25	00	7	30	2	1	1	1	9		23					44	0	1	36	172
	EL OBEID	00	9	02	3	0	0	—	7	28	14	02	9	30	2	0	5	1	11		16					28	0	6	16	174
	EL FÂSHER	00	9	06	2	0	1	1	—	28	25	01	9	02	1	0	4	1	—		13					38	0	5	6	175
	GENEINA	01	8	07	1	1	4	2	—	30	13	01	9	04	2	1	4	2	—		13					29	—	—	4	179
	KADUGLI	01	8	02	4	0	4	1	8	32	17	01	8	04	4	0	4	2	10		23					15	—	—	89	187
S. SUDAN	MALAKÂL	01	8	32	4	1	4	4	4	34	12	02	8	32	3	1	7	4,2	8		23					15	0	48	88	176
	WÂU	02	8	00	0	5	7	4	7	29	12	01	8	00	0	1	4	4,1	10		17					49	tr.	178	145	177
	JÛBA	01	8	00	0	1	3	4,2	5	36	15	01	8	24	1	1	3	4	12		25					42	0	149	148	178

UPPER WINDS ON 6th — الرياح العليا يوم ٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAID	HELWÂN 8 h. 30 m.	CAIRO 7 h.	ASYUT 7 h.	ASWÂN 7 h.	WÂDI HALFA 8 h.	KAREIMA 7 h.	GENEINA 7 h.	FASHER 7 h.	EL OBEID 7 h.	MALAKÂL 7 h.	JÛBA 7 h.
				02 34 15	02 33 15	02 34 30	02 31 05	10 36 30	10 03 10	10 06 20	10 03 25	10 01 30	10 02 —	10 34 20
				05 35 30	05 35 30	05 35 45	05 34 20	15 31 10	15 28 15	15 30 15	15 30 15	15 34 40	15 04 35	15 36 30
				08 01 25	10 01 25	10 34 45	10 28 15	20 26 20	20 27 20	20 28 30	20 29 40	20 31 30	20 04 25	20 01 25
				10 36 25	15 35 30	15 34 30	15 29 15	30 26 45	30 27 60	30 24 25	30 28 35	30 28 15		
				15 01 35	19 35 30	20 33 30	20 26 30		40 26 65	40 26 20	40 24 35			
				20 35 40		25 21 20	25 26 30		45 25 55		45 25 40			
				23 33 35					50 24 55		50 21 20			
				25 33 20										
				30 31 20										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % 5th	Diff. from normal	Wet bulb temp. °C 5th	Diff. from normal
Alexandria	54	-11	11.3	0.0
Ezbekiya	75	+11	10.5	+0.2
Gîza	78	+9	9.5	-0.6
Helwân	58	+4	9.7	+0.6

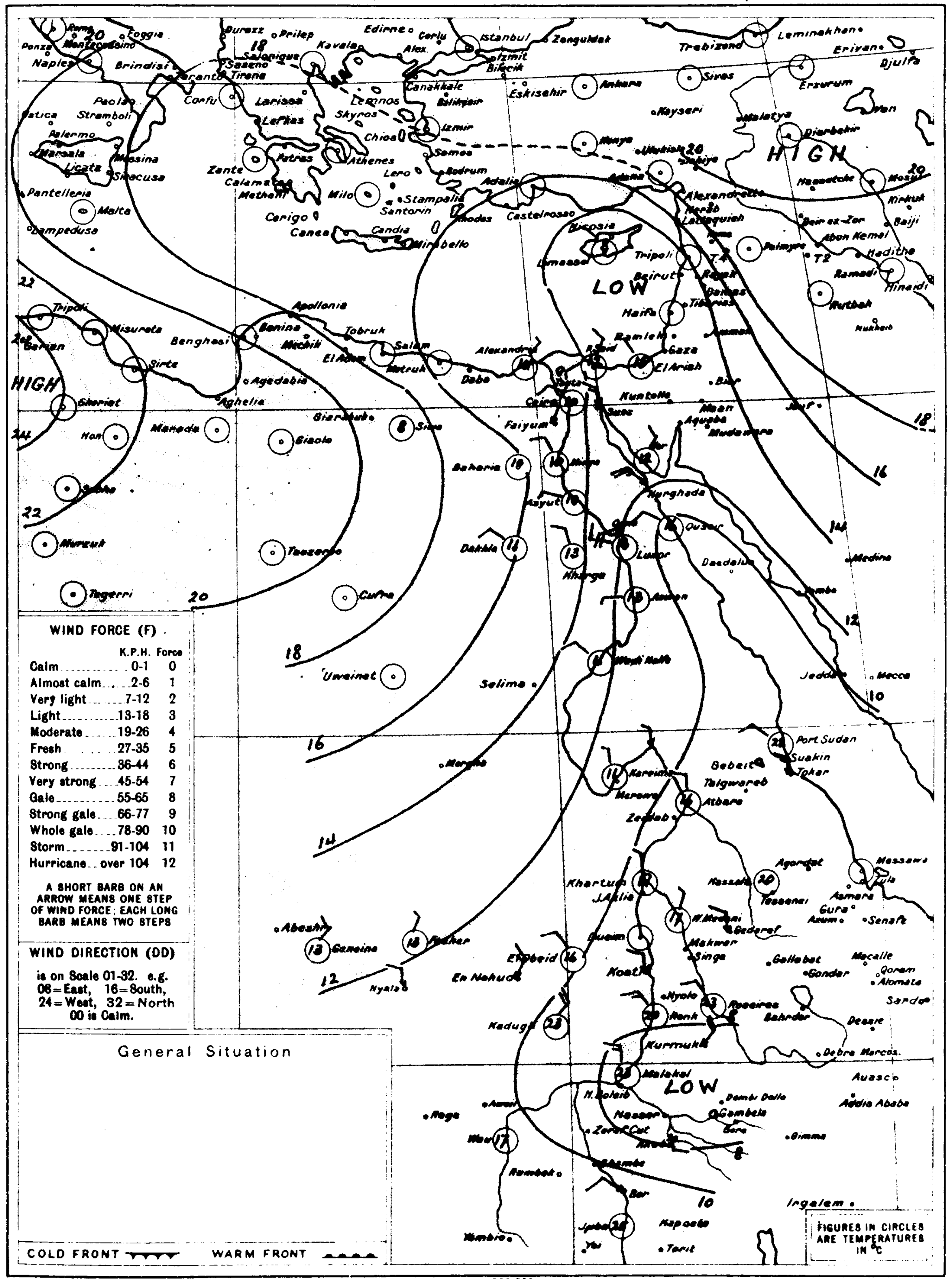
Gîza Grass minimum on 6th 2.1 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
6-2	1273	1505
5-2	1273	1505

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	12.61	-0.73
Nâsser		—	—	5.39	-0.07
Malakâl		10.33	-0.35	10.33	-0.36
Roseires		11.80	0.00	11.82	0.00
Sennâr Res.		—	—	20.54	—
J. Aulia U.S		—	—	377.06	—
J. Aulia D.S		—	—	371.60	+0.07
Khartûm		—	—	10.42	-0.09
Kh. el Girba					
Atbara		10.18	-0.22	10.07	-0.34
Kajnarti		—	—	132.07	-1.21
Aswân Res.		120.12	—	120.23	—
Aswân D.S.		85.82	-0.58	86.82	-0.68
Rôda (Cairo)		16.31	+0.93	16.20	+0.90

Isobars, Wind and Temperature at 8 h. 6-2-1945 — ١٩٤٥-٢-٦



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 6th — الساعة ٨ يوم ٦

Station محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yester day °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
N. Hamadi	02	8	28	1	1	8	5	12.7	—	11.0	20	—	9	—	74	0	16	—
Limassol	00	9	28	2	0	2	—	13.9	-2.7	8	—	—	—	—	—	0	495	318
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 14.1 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise 06 h 42 m

Sunset 17 h 37 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month FEBRUARY, 1945 — شهر فبراير ١٩٤٥ — ١٩٤٥-٢-٧ — Isobars, Wind and Temperature at 8 h. — 7-2-1945

At 14 h on 6th — الساعة ١٤ يوم ٦

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	Station Number
MEDITERRANEAN: SALUM											130
MATRUH	02	8	28	7	6	5	9	12.4	15.0	71	131
DIKHEILA											150
ALEXANDRIA	01	9	24	3	2	4	8	12.8	16.4	54	132
DAMIETTA	21	8	28	1	6	5	8	12.2	14.5	80	159
PORT SAID	02	8	30	2	5	5	6	11.6	16.4	59	134
EL 'ARISH	01	9	30	1	1	4	8	10.3	16.7	48	135
LOWER EGYPT: DAMANHUR	01	7	20	3	1	4	8	11.8	16.2	59	136
MANSURA	01	7	30	3	1	4	9	12.0	17.0	52	137
TANTA	20	7	28	4	6	5	8	11.9	16.5	56	138
ZAGAZIG	20	5	28	2	6	5	8	12.0	13.6	93	139
MIDDLE EGYPT, CAIRO: ALMAZA	13	6	30	4	2	7	9	13.3	16.5	46	141
EZBEKIYA	50	7	24	2	5	5	1	13.0	17.6	45	
GIZA	50	6	24	2	5	6	9	12.6	17.8	46	142
HELWAN	02	9	26	5	2	5	8	12.2	16.0	46	143
SUEZ	02	7	30	4	1	7	9	11.5	16.2	67	144
UPPER EGYPT: FAIYUM	02	8	32	4	2	6	6	12.3	17.3	40	153
MINYA	01	8	32	4	1	4	8	12.7	19.0	31	154
ASYUT	01	7	28	3	1	4	8	12.6	18.0	57	155
QENA	01	8	22	2	1	4	3	9.8	18.0	46	156
LUXOR	03	7	26	2	2	8	2	11.8	17.6	46	157
ASWAN											158
RED SEA: SIWA	00	8	28	2	0	0	—	18.0	18.6	62	148
BAHARIYA	01	9	32	1	1	4	—	14.8	18.2	35	149
KHARGA	00	9	02	3	0	2	1	12.4	18.5	32	151
DAKHLA	00	8	32	5	0	0	—	14.8	19.6	32	152
TOR	00	7	28	4	0	0	—	—	19.0	74	145
HURGHADA	01	8	30	5	1	3	9	9.4	19.1	35	146
QUSEIR	03	8	32	2	2	8	6	8.8	18.6	49	147
PORT SUDAN											169
NORTH SUDAN: WADI HALFA	01	7	26	5	1	3	4	11	21	23	165
KAREIMA	01	8	30	4	1	4	—	9	26	11	166
'ATBARA	01	8	30	3	1	4	4,1	5	29	12	167
KHARTUM											168
KASSALA	00	8	24	1	0	0	—	1	34	20	170
CENTRAL SUDAN: WAD MEDANI	01	8	30	2	1	4	1	3	37	08	171
DUEIM											173
RENK	00	9	28	3	0	0	—	5?	33	10	182
ROSEIRES	00	7	02	2	0	0	—	—	33	26	172
EL OBEID	01	9	32	1	1	4	1	4	29	17	174
EL FASHER	02	9	32	1	1	5	2	—	29	25	175
GENEINA	02	8	16	1	1	5	2	—	32	07	179
KADUGLI	02	8	28	3	1	5	1	5	34	09	187
S. SUDAN: MALAKAL	01	8	02	3	1	5	4	3	34	09	176
WAU	01	8	31	2	1	4	4	6	34	14	177
JUBA	01	8	32	2	1	3	4,1	5	35	18	178

At 8 h. on WEDNESDAY 7th — الساعة ٨ يوم الأربعاء ٧

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Dry Bulb °C TTT	Yesterday Max. °C MM	Diff. from norm. °C	Today Min. °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station Number
MEDITERRANEAN: SALUM																		130
MATRUH	03	8	24	1	5	8	6	10.0	-7.0	9.9	16	-2	9	0	88	3	78	124	131
DIKHEILA																		150
ALEXANDRIA	03	7	20	2	6	8	7	11.9	-6.0	11.4	18	-1	9	-1	77	10	193	152	132
DAMIETTA	01	6	20	2	1	5	4	12.4	—	8.2	17		6		93	dy.	88	75	159
PORT SAID	02	8	18	2	1	5	5	11.6	-6.2	9.6	19	0	9	-2	89	1	67	53	134
EL 'ARISH	01	9	00	0	1	3	8	13.8	-3.8	13.0	19	+1	8	+1	71	0	189	57	135
LOWER EGYPT: DAMANHUR	03	6	20	3	5	8	5	11.6	-5.6	10.0	18	-2	8	+1	87	1	71	66	136
MANSURA	01	7	16	2	1	4	9	12.2	—	7.7	18	-2	5	-2	88	0	44	32	137
TANTA	02	7	20	2	2	7	5	12.4	-5.1	8.6	18	-2	6	0	86	1	40	26	138
ZAGAZIG																	36	17	139
MIDDLE EGYPT, CAIRO: ALMAZA	01	7	18	3	0	4	2	13.5	—	10.1	17		8		73	dy.	40		141
EZBEKIYA	09	5	12	3	1	5	1	13.4	-4.6	9.0	18	-3	8	0	80	dy.	37	15	
GIZA	02	6	14	2	1	5	1	13.5	-5.1	9.2	19	-1	7	+1	84	dy.	34	16	
HELWAN	01	6	12	2	1	5	1	13.9	-4.7	9.0	17	-2	7	-1	77	1	47	16	143
SUEZ	00	9	14	2	0	0	—	14.0	-3.5	13.3	19	-1	7	-3	77	0	36	11	144
UPPER EGYPT: FAIYUM	01	8	31	2	1	4	2	13.8	-4.2	7.5	17	-4	6	0	76	0	72	5	153
MINYA	00	7	12	2	4	0	—	14.7	-3.9	10.5	19	-2	7	+1	67	0	1		154
ASYUT	00	6	12	1	0	0	—	15.1	-4.4	11.1	20	-1	5	-1	66	0	14	4	155
QENA	00	7	28	2	0	0	—	14.6	-3.2	10.6	20	-4	6	-1	72	0	20		156
LUXOR	00	7	28	2	0	0	—	15.2	—	12.0	19		5		52	0	tr.		157
ASWAN	00	9	00	0	0	0	—	14.7	-3.6	13.2	22	-3	8	-3	52	0	dy.	—	158
RED SEA: SIWA	03	7	00	0	2	8	5	13.1	-6.6	9.0	20	-1	7	+3	61	0	2	6	148
BAHARIYA	00	9	00	0	0	0	—	14.3	-4.4	11.0	19		6		63	0	7		149
KHARGA	00	8	04	1	0	0	—	15.5	-3.0	7.2	20	-4	4	-2	60	0	4	—	151
DAKHLA	00	7	16	1	0	0	—	16.8	-2.5	6.0	20	-3	3	-2	70	0	tr.		152
TOR	00	7	28	3	0	0	—	13.4	-3.8	16.0	19	-2	10	+1	66	0	3	10	145
HURGHADA	00	9	26	3	0	0	—	13.9	-2.9	13.6	20	-2	10	0	58	0	8	—	146
QUSEIR	00	8	24	3	0	0	—	12.6	-3.8	14.0	20	-3	11	-3	50	0	20	—	147
PORT SUDAN																0	81	91	169
NORTH SUDAN: WADI HALFA	00	8	00	0	0	0	—	16		9					62	0	0		165
KAREIMA	01	8	04	3	0	5	2	15		11					44	0	0	1	166
'ATBARA	01	6	30	5	1	4	4,1	11		14					39	0	0	2	167
KHARTUM																0	tr.	4	168
KASSALA	01	8	00	0	0	4	4,2	10		18					32	0	9	8	170
CENTRAL SUDAN: WAD MEDANI	02	7	32	2	1	7	1	11		16					19	0	8	12	171
DUEIM																0	4	13	173
RENK	00	9	32	3	0	0	—	11		20					15	—	—	49	182
ROSEIRES	02	7	04	2	1	6	4	—		20					35	0	1	36	172
EL OBEID	02	8	32	3	0	3	1	13		14					34	0	6	16	174
EL FASHER	02	8	32	2	1	5	2	—		11					44	0	5	6	175
GENEINA	02	8	02	3	1	8	2	—		14					23	—	—	4	179
KADUGLI	02	8	32	3	1	3	1	11		19					19	—	—	89	187
S. SUDAN: MALAKAL	01	7	02	6	1	4	4,5	9		23					10	0	48	88	176
WAU	01	8	32	3	1	3	4	9		20					43	0	178	145	177
JUBA	01	8	20	3	1	4	4,2	9		24					34	0	149	148	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 7th — الضغط يوم ٧

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	GENEINA	FASHER	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	8 h 30	h m	7 h m	h m	7 h m	7 h m	7 h m	h m	7 h m	h m	7 h m
				02 17 15		02 25 05		10 03 40	10 04 20	10 04 30	10 04 30	10 01 45		10 29 20
				05 20 15		05 27 15		15 03 35	15 03 15	15 16 15	15 27 15	15 03 40		15 01 20
				08 24 25		10 31 30		20 36 30	20 29 35	20 27 25	20 32 15	20 02 15		20 03 20
				10 25 30		15 30 25		25 34 10	30 26 —	30 25 35	30 26 50	30 29 25		
				15 27 45		20 32 25			40 25 —	40 24 55	40 25 45	40 27 30		
				20 27 50		25 29 35				50 27 20	45 25 30	45 27 30		
				23 27 35		30 28 20					50 30 35			
				25 26 30										
				30 27 35										
				40 27 25										

Forecast for 24 hours from noon on

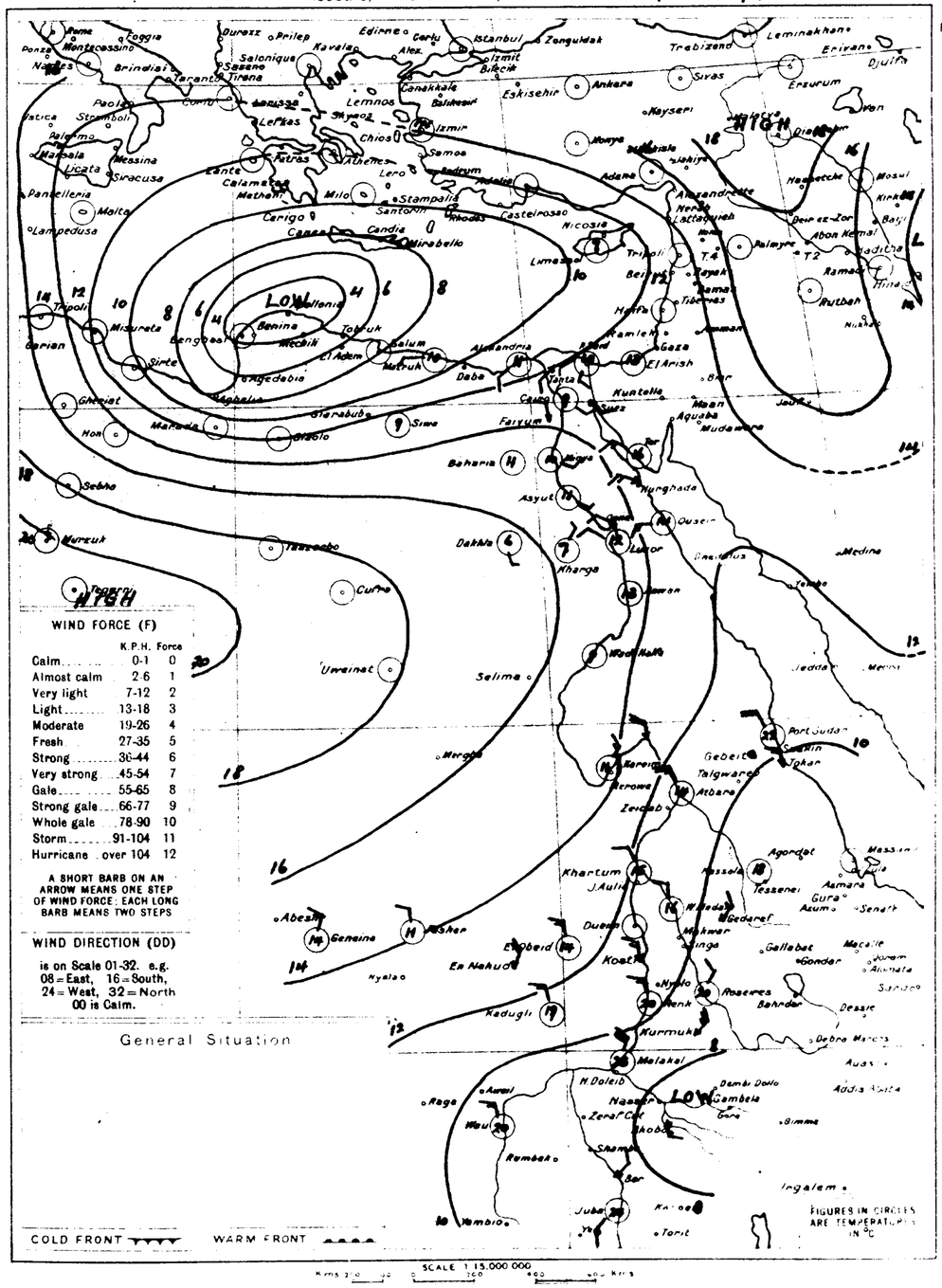
تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 6th	Diff. from normal	Mean of day Wet Bulb Temp. °C on 6th	Diff. from normal
Alexandria	57	-8	11.7	-0.2
Ezbekiya	74	+10	9.7	-0.7
Giza	78	+9	9.4	-0.7
Helwan	69	+15	9.4	+0.2
Giza Grass minimum on	7th		3.7	°C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1940	1944
7-2	1273	1389
6-2	1273	1505

GAUGE	Date 1940	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	—	—
Nasser		—	—	—	—
Malakal		10.30	-0.36	10.33	-0.35
Roseires		11.79	+0.01	11.80	0.00
Sennar Res.		—	—	20.52	—
J. Aulia U.S.		—	—	377.08	—
J. Aulia D.S.		—	—	371.69	+0.18
Khartum		10.58	+0.08	10.49	-0.01
Kh. el Girba					
'Atbara		10.28	-0.10	10.18	-0.22
Kajnarti		—	—	132.04	-1.20
Aswan Res.		120.01	—	120.12	—
Aswan D.S.		85.82	-0.58	85.82	-0.58
Roda (Cairo)		16.31	+0.88	16.31	+0.93



STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Dry Bulb °C TTT	Yesterday Max. °C MM	Diff. from norm. °C	Today Min. °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
N. Hamadi	00	8	00	0	0	0	—	15.2	—	8.7	18	—	3	—	65	0	16	—
Luxor	02	8	00	0	1	6	—	11.1	-5.3	9	—	—	—	—	—	dy.	495	321

SHIPS — سفن

Remarks
Water Temp.
River Nile Cairo
14.4 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	13
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
" of Snow	83-84
" of Sleet	[illegible]
" of Hail	[illegible]
Thunderstorm	90-99
" without Showers	[illegible]
" with Hail	[illegible]
" with Duststorm	[illegible]
" heavy with Hail	[illegible]

PAST WEATHER (W)

Clear, skies clouded	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust storm	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150.

CAIRO
Time of Sunrise h. 06 m. 44
Sunset h. 17 m. 38

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY, 1945 ١٩٤٥ شهر فبراير

STATION	14h on 7th: ww	V	DD	F	W	N	C	PPP	TTT	UU	8h on THURSDAY 8th: ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs.)	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM																					—		—				—	130
MATRUH	60	7	20	4	2	8	7	8.0	13.3	78	02	8	24	2	2	5	9	6.6	-10.4	11.3	15	-3	8	-1	94	tr.	78	124	131
DIKHEILA																						—		—				—	150
ALEXANDRIA	03	8	20	2	2	8	5	9.5	15.0	60	03	7	10	2	2	8	5	8.6	-9.3	12.2	15	-4	10	0	63	tr.	193	153	132
DAMIETTA	03	7	20	1	2	8	5	11.2	16.5	69	02	8	14	1	1	6	6	11.0	—	13.3	17	—	8	—	82	0	88	76	159
PORT SAID	03	8	18	3	2	8	5	10.4	16.0	57	03	8	12	3	2	8	5	9.8	-6.9	12.8	18	-1	9	-2	65	0	67	54	134
EL 'ARISH	01	8	00	0	1	5	8	11.4	17.2	41	01	8	00	0	1	5	8	12.0	-5.5	15.3	20	+2	10	+3	50	0	189	58	135
LOWER EGYPT																													
DAMANHUR	03	6	20	3	2	8	5	9.6	16.3	55	03	6	16	3	5	8	5	8.8	-8.8	11.0	16	-4	9	+2	87	1	72	67	136
MANSURA	02	7	18	2	2	6	9	10.3	16.8	53	60	4	12	2	5	8	7	8.4	—	11.2	18	-2	8	+1	71	tr.	44	33	137
TANTA	03	7	20	2	2	8	7	9.6	16.5	54	03	6	16	2	2	8	7	9.8	-7.7	10.0	18	-2	8	+2	62	0	40	26	138
ZAGAZIG	13	5	20	2	1	5	7	11.2	16.4	68	13	5	22	1	1	8	7	9.9	-7.9	11.9	17	-3	9	+3	76	0	36	17	139
MIDDLE EGYPT																													
CAIRO ALMAZA	03	7	20	3	2	8	5,8	11.8	17.2	41	05	6	18	1	2	6	6	9.9	—	13.0	17	—	11	—	45	tr.	40	—	141
CAIRO EZBEKIYA	03	7	18	3	1	8	5	10.6	17.3	47	05	5	18	1	1	5	6	10.0	-7.9	12.2	18	-3	9	+1	55	tr.	37	16	—
CAIRO GIZA	03	8	20	3	2	8	6	10.4	18.1	36	02	6	18	1	1	5	6	9.9	-8.7	12.0	19	-1	7	+1	62	tr.	34	16	—
HELWAN	03	8	18	4	2	8	5	10.8	16.3	47	02	7	16	3	2	5	4	9.6	-8.9	13.2	17	-2	11	+2	40	0	47	17	143
SUEZ	03	8	12	1	0	8	9	11.1	18.2	73	03	9	14	3	5	8	9	11.9	-5.5	15.7	20	0	11	+1	70	tr.	36	11	144
UPPER EGYPT																													
FAIYUM	02	8	24	2	2	7	8	10.6	18.2	45	50	7	14	2	5	8	9	10.2	-7.8	11.2	19	-2	9	+2	56	tr.	72	5	153
MINYA	01	7	20	3	1	4	6	11.4	23.0	25	02	6	16	2	2	6	4	11.2	-7.3	12.4	23	+2	8	+2	50	0	1	—	154
ASYUT	01	8	22	1	1	4	8	12.2	18.5	46	01	6	12	2	1	5	5	11.5	-7.9	10.6	21	0	7	+1	54	0	14	4	155
QENA	01	8	26	2	0	4	3	11.4	20.8	43	00	8	08	1	0	0	—	13.4	-4.3	9.3	23	-1	3	-4	70	0	20	—	156
LUXOR	00	7	10	2	0	0	—	11.8	22.0	32	00	7	16	2	0	0	—	13.3	—	13.7	23	—	2	—	44	0	tr.	—	157
ASWAN	00	9	28	2	0	0	—	11.6	20.0	25	00	9	20	1	0	0	—	14.0	-4.2	13.6	21	-4	9	-2	48	0	tr.	—	158
WESTERN DESERT																													
SIWA	21	7	22	5	5	8	5	9.2	14.8	60	21	6	22	3	6	7	5	5.9	-13.7	11.5	16	-5	10	+5	58	3	5	6	148
BAHARIYA	01	9	32	1	1	4	—	12.2	17.6	48	01	9	00	0	1	4	—	7.8	-10.8	10.0	18	—	6	—	74	0	7	—	149
KHARGA	00	9	14	1	0	0	—	12.7	20.3	31	01	8	14	1	1	5	4	13.6	-4.9	9.2	22	-2	4	-2	46	0	4	—	151
DAKHLA	00	8	24	1	0	0	—	11.5	19.8	61	00	7	08	2	0	0	—	11.9	-7.4	10.6	21	-2	5	-1	68	0	tr.	—	152
RED SEA																													
TOR	00	7	28	3	0	0	—	11.2	16.4	66	00	7	02	2	0	2	1	13.2	-3.9	12.6	21	0	6	-3	62	0	34	10	145
HURGHADA	00	9	02	3	0	0	—	—	18.0	44	00	9	26	2	0	0	—	13.1	-3.3	13.1	20	-2	10	0	60	0	8	—	146
QUSEIR	00	8	02	2	0	0	—	11.2	18.2	57	00	8	28	2	0	0	—	12.3	-4.0	14.8	20	-3	12	-2	52	0	20	—	147
PORT SUDAN																										0	81	91	169
NORTH SUDAN																													
WADI HALFA	00	9	30	3	0	2	2	12	19	28	00	9	00	0	0	3	4,1	16		8					50	0	0	—	165
KAREIMA	02	8	02	3	1	7	2	11	22	13	02	8	04	1	1	6	2	15		12					36	0	0	1	166
ATBARA	02	7	32	4	1	6	2	8	26	18	01	8	30	2	1	5	4,1	14		14					32	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	32	1	1	2	1	3	32	10	01	8	32	2	1	4	2	11		17					26	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	01	8	32	3	1	4	8	6	28	10	02	9	32	3	1	7	1	13		16					19	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	8	28	3	0	0	—	6	29	12	00	9	28	3	0	0	—	13	—	18		—		—	30	—	—	49	182
ROSEIRES	00	7	16	2	0	0	—	5	32	36	00	7	30	2	0	0	—	12		18					43	0	1	36	172
EL OBEID	01	8	02	3	1	3	2	7	26	21	02	9	30	2	1	5	2	13		14					32	0	6	16	174
EL FASHER											02	9	32	3	1	7	2	—		13					38	0	5	0	175
GENEINA											02	8	04	2	1	8	2	—		13					29	—	—	4	179
KADUGLI											00	8	04	4	0	3	1	14		20					15	—	—	89	187
S. SUDAN																													
MALAKAL	01	8	32	3	1	4	4	4	31	11	01	8	32	6	1	3	4	11		21					20	0	48	88	176
WAU	00	8	32	1	0	0	—	6	32	14	02	8	30	1	1	8	2	11		21					—	0	178	146	177
JUBA	01	8	04	4	1	4	4,1	3	36	12	05	6	20	1	1	4	1	12		22					41	0	149	149	178

UPPER WINDS ON 8th — الرياح العليا يوم ٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 30 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 8 h. m.	KAREIMA 7 h. m.	GENEINA 7 h. m.	FASHER 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA h. m.
				02 22 20		02 19 45	02 17 05	10 27 15	10 33 25	10 04 30	10 01 30	10 03 45	10 02 80?	
				05 20 45		05 21 50	05 20 05	15 31 35	15 31 25	15 05 30	15 17 05	15 04 20	15 03 50	
				08 19 45		10 23 50	10 19 10	20 30 30	20 33 20	20 25 15	20 25 30	20 28 35	20 03 20	
				10 20 45		15 23 35	15 22 20	30 24 35	30 26 55	30 25 45	30 27 60	30 27 40		
				15 19 60		20 22 35	20 29 45	40 26 70	40 25 —		40 23 45	40 25 40		
				Enl. Ac.		25 23 40	25 29 30	45 25 —	45 23 —		45 22 45	45 22 40		
						30 23 30					50 22 50			
											60 26 55			

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 7th	Diff. from normal	Wet Bulb Temp. °C on 7th	Diff. from normal
Alexandria	68	+3	10.5	-0.8
Ezbekiya	68	+4	9.7	-0.5
Giza	71	+2	9.7	-0.5
Helwan	55	+2	9.1	-0.1

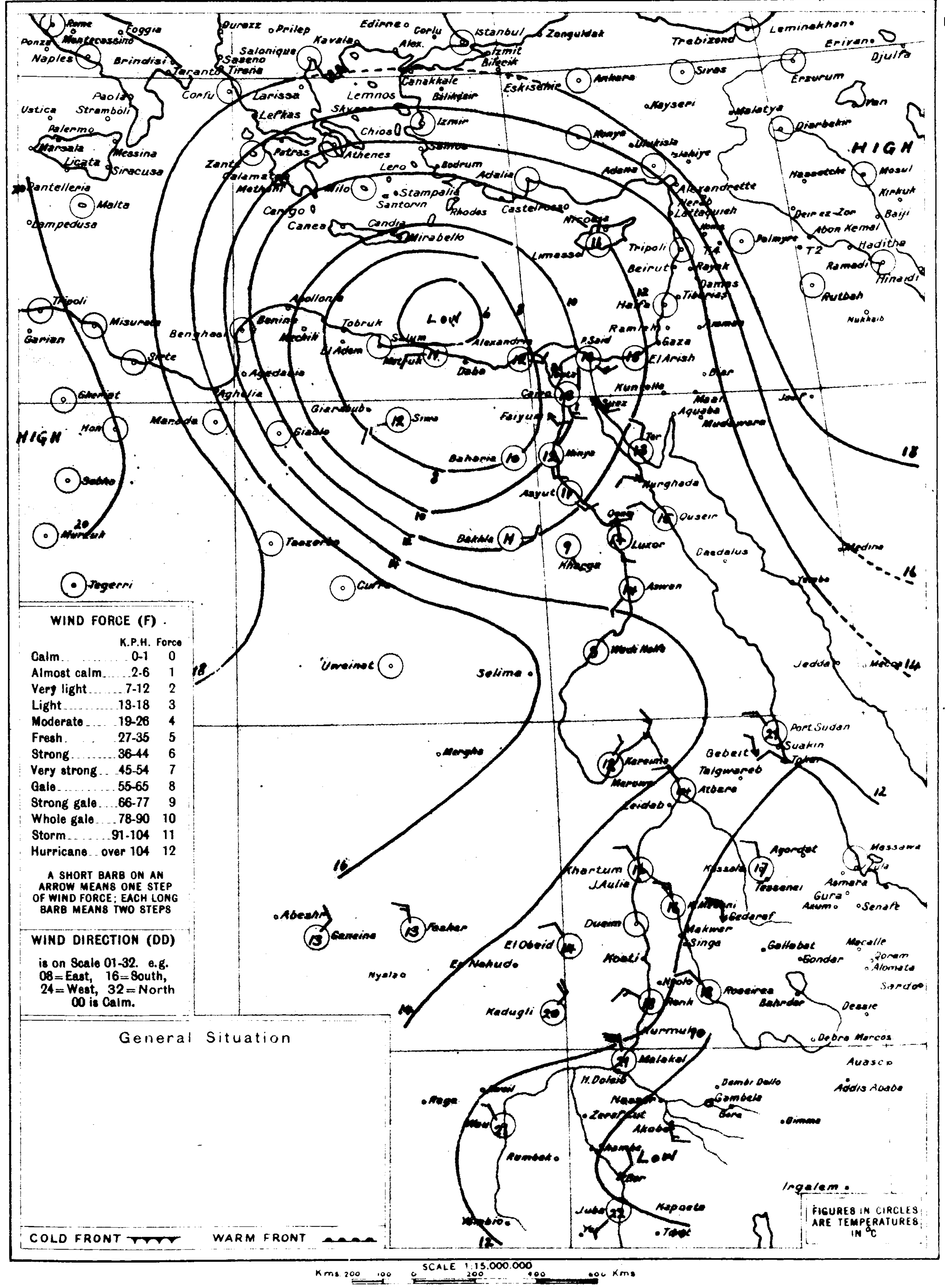
Giza Grass minimum on 8th 3.3 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
8-2	1273	1389
7-2	1273	1389

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	12.60	-0.13
Nâsser		—	—	5.38	-0.03
Malakâl		10.29	-0.35	10.30	-0.36
Roseires		11.76	+0.01	11.79	+0.01
Sennâr Res.	٩	—	—	20.48	—
J. Aulia U.S		—	—	376.97	—
J. Aulia D.S	١	—	—	371.79	+0.30
Khartûm	٨	—	—	10.58	+0.08
Kh. el Girba					
Atbara		10.34	-0.02	10.28	-0.10
Kajnarti		—	—	131.98	-1.24
Aswân Res.		119.90	—	120.01	—
Aswân D.S.		85.82	-0.56	85.82	-0.58
Rôda (Cairo)		16.24	+0.76	16.31	+0.88

Isobars, Wind and Temperature at 8 h. 8-2-1945 ١٩٤٥-٢-٨



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

STATION محطة	8h on 8th: ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs.)	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
N. Hamadi	00	8	00	0	0	0	—	13.1	—	7.4	21	—	4	—	73	0	16	—
Limassol	54	4	02	3	6	8	—	11.9	-4.4	11	—	—	—	—	—	15	510	323
SHIPS سفن																		

الساعة ٨ يوم ٨

Remarks

Water Temp. River Nile Cairo 14.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise 06 h 40 m

Sunset 17 h 39 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month FEBRUARY 1945 — ١٩٤٥ — شهر فبراير

١٩٤٥-٢-٩ Isobars, Wind and Temperature at 8 h. 9-2-45

At 14 h. on 8th — الساعة ١٤ يوم ٨

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU
MEDITERRANEAN — SALUM										
MATRUH	01	8	32	2	2	5	9	6.6	14.6	74
DIKHEILA										
ALEXANDRIA	03	8	12	1	2	8	8	8.0	15.6	60
DAMIETTA	03	7	20	1	1	8	6	9.4	14.8	68
PORT SAÏD	50	8	12	3	2	8	9	9.4	16.6	50
EL 'ARISH	01	9	30	1	1	4	8	10.6	18.3	33
LOWER EGYPT — DAMANHÛR	20	5	12	2	6	8	5	8.1	12.2	76
MANSURA	50	6	12	2	5	8	9	—	14.2	67
TANTA	03	7	16	2	2	8	7	8.8	15.0	58
ZAGAZIG	20	6	12	2	5	8	7	9.1	15.8	82
MIDDLE EGYPT — CAIRO — ALMAZA	03	7	16	3	6	8	7	10.0	16	45
EZBEKIYA	05	7	16	4	5	6	7	9.7	16.7	49
GIZA	02	7	16	4	5	6	7	9.1	19.0	46
HELWÂN	21	8	14	4	6	6	7	8.7	15.2	52
SUEZ	03	8	12	3	2	8	9	10.7	18.8	64
UPPER EGYPT — FAIYÛM	50	8	12	3	5	8	7	7.9	18.3	38
MINYA	02	7	16	4	5	5	7	9.0	21.6	20
ASYUT	02	6	20	2	1	5	8	10.0	19.2	23
QENA	02	7	22	3	1	5	3	9.9	20.0	34
LUXOR	01	7	18	4	1	4	3	11.1	22.6	22
ASWAN										
WESTERN DESERT — SIWA	10	6	28	3	2	7	9	7.9	15.0	66
BAHARIYA										
KHARGA	12	7	20	2	—	6	6	11.5	22.3	24
DAKHLA	00	7	24	6	0	0	—	10.4	19.0	63
RED SEA — TÛR	02	6	14	2	1	6	5	9.5	21.2	45
HURGHADA	02	8	12	2	2	5	8	10.8	21.0	34
QUSEIR	00	8	26	3	0	0	—	10.0	20.3	47
PORT SUDAN										
NORTH SUDAN — WÂDI HALFA	06	9	18	4	1	1	2	12	23	15
KAREIMA	01	8	30	2	1	5	1	12	23	10
'ATBARA	02	7	32	3	1	7	5	10	23	13
KHARTÛM										
KASSALA	01	8	24	3	1	4	2	5	32	18
CENTRAL SUDAN — WAD MEDANI	01	8	32	3	1	5	1	7	28	16
DUEIM										
RENK	00	9	28	3	0	0	—	6	30	46
ROSEIRES	00	7	32	2	0	0	—	7	33	36
EL OBEID	02	9	02	3	1	6	2	8	26	08
EL FASHER										
GENEINA	02	8	32	1	1	7	2	—	28	10
KADUGLI	02	8	04	3	1	5	3	8	33	10
S. SUDAN — MALAKÂL	02	8	32	3	1	5	2	4	33	10
WÂU	02	8	22	1	1	5	2	5	33	14
JUBA	05	6	02	2	1	6	2	5	35	25

At 8 h. on FRIDAY 9th — الساعة ٨ يوم الجمعة ٩

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMP. Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms	STATION NUMBER
SALUM													—	—				—	130
MATRUH	20	8	24	2	6	5	9	14.4	-2.5	12.1	16	-2	10	+1	93	14	92	125	131
DIKHEILA												—		—				—	150
ALEXANDRIA	01	9	00	0	2	4	8	14.8	-3.0	11.7	16	-3	8	-3	78	"	197	153	132
DAMIETTA	00	6	18	1	0	0	—	14.4	—	10.0	19	—	8	—	94	dr.	88	76	159
PORT SAÏD	01	8	12	2	1	4	5	11.0	-2.3	11.0	20	+1	9	-2	83	dr.	67	54	134
EL 'ARISH	00	9	00	0	0	0	—	—	—	14.6	20	+2	10	+3	60	0	189	59	135
DAMANHÛR	00	5	32	2	0	0	—	15.5	-1.5	10.6	14	-6	7	0	75	16	88	68	136
MANSURA	00	8	04	1	0	0	—	14.8	—	7.5	18	-2	5	-2	90	dr.	44	33	137
TANTA	02	6	00	0	2	5	8	15.9	-1.5	7.8	18	-2	6	0	89	4	44	26	138
ZAGAZIG	00	6	22	2	0	2	8	15.0	-2.8	10.8	15	-5	6	0	92	1	37	17	139
ALMAZA	05	6	18	2	1	4	6	15.6	—	12.6	18	—	9	—	68	tr.	40	—	141
EZBEKIYA	02	6	16	1	1	5	6	15.2	-2.7	11.7	18	-3	9	+1	72	tr.	37	16	—
GIZA	02	7	12	2	1	5	4	15.2	-3.4	12.2	20	0	7	+1	83	dr.	34	16	—
HELWÂN	06	6	10	2	1	5	8	15.5	-2.9	11.1	17	-2	9	0	74	1	48	17	143
SUEZ	01	8	06	1	0	4	8	16.6	-0.8	16.2	21	+1	10	0	75	1	37	11	144
FAIYÛM	02	8	22	1	2	7	7	15.6	-2.3	11.4	20	-1	10	+3	79	tr.	73	5	153
MINYA	01	8	32	2	1	3	3	17.0	-1.5	12.0	22	+1	8	+2	71	dr.	1	—	154
ASYUT	01	6	22	1	1	8	8	17.2	-2.1	12.0	20	-2	10	+4	76	0	14	4	155
QENA	01	7	24	1	2	4	3	17.6	0.0	13.0	22	-2	6	-1	73	0	20	—	156
LUXOR	00	7	24	2	0	0	—	17.4	—	12.2	24	—	8	—	63	0	tr.	—	157
ASWAN	00	9	24	1	0	0	—	17.9	-0.2	13.0	23	-2	10	-1	55	0	dr.	—	158
SIWA	00	7	24	4	0	0	—	19.4	-0.2	8.2	16	-5	6	+1	70	dr.	5	6	148
BAHARIYA	01	9	00	0	1	4	—	16.3	-2.3	9.0	18	—	5	—	73	0	7	—	149
KHARGA	01	8	00	0	1	4	1	18.0	-0.3	12.0	23	-1	7	+1	73	0	4	—	151
DAKHLA	00	7	24	3	0	0	—	19.6	+0.4	12.1	20	-3	9	+3	80	0	tr.	—	152
TÛR	00	9	02	2	0	0	—	14.6	-2.5	13.0	23	+2	9	0	37	0	3 + 8	10 —	145 146
HURGHADA	00	8	24	2	0	0	—	14.6	-1.6	15.8	23	0	15	+1	44	0	20	—	147
QUSEIR																0	81	91	169
PORT SUDAN	05	5	00	0	0	0	—	20?		11					54	0	0	—	165
WÂDI HALFA	05	6	04	3	0	0	—	18		14					29	0	0	1	166
KAREIMA	01	7	04	3	0	3	4,1	17		14					32	0	0	2	167
'ATBARA																0	tr.	4	168
KHARTÛM	02	8	30	3	0	5	2	14		19					21	0	9	8	170
KASSALA	02	8	02	3	1	7	1	—		18					17	0	8	12	171
WAD MEDANI																0	4	13	173
DUEIM	00	9	28	3	0	0	—	6	30	46					—	—	—	49	182
RENK	00	7	30	2	0	0	—	7	33	36	00	7	30	2	0	0	—	—	43	0	1	36	172
ROSEIRES	02	9	02	3	1	6	2	8	26	08	02	9	02	3	1	6	2	17	25	0	6	16	174
EL OBEID											00	9	04	0	0	3	1	—	12	41	0	5	6	175
EL FASHER	02	8	32	1	1	7	2	—	28	10	00	8	02	4	1	0	—	—	14	23	—	—	4	179
GENEINA	02	8	04	3	1	5	3	8	33	10	02	8	34	4	1	6	1	—	19	35	—	—	89	187
KADUGLI	02	8	32	3	1	5	2	4	33	10	01	8	32	7?	1	4	4	12	21	17	0	48	88	176
MALAKÂL	02	8	22	1	1	5	2	5	33	14	02	8	32	1	1	8	2	12	20	26	0	178	146	177
WÂU	05	6	02	2	1	6	2	5	35	25	05	6	00	0	1	5	4,1	12	23	41	0	149	149	178
JUBA																									

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 9th — الرياح العليا يوم ٩

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWÂN h. m.	MINYA h. m.	ASYUT h. m.	ASWÂN h. m.	WÂDI HALFA h. m.	KAREIMA h. m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKÂL h. m.	JUBA h. m.
								10 32 30	10 36 45	10 04 55	10 02 30	10 03 00	10 02 —	10 27 05
								15 34 20	15 35 25	15 07 40	15 08 45	15 02 35	15 04 50	15 26 15
								20 27 30	20 29 20	20 26 15	20 11 15	20 25 20	20 31 10	20 07 40
								30 26 00	30 27 45	30 25 35	30 17 15	30 23 15	30 06 10	
													40 12 15	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

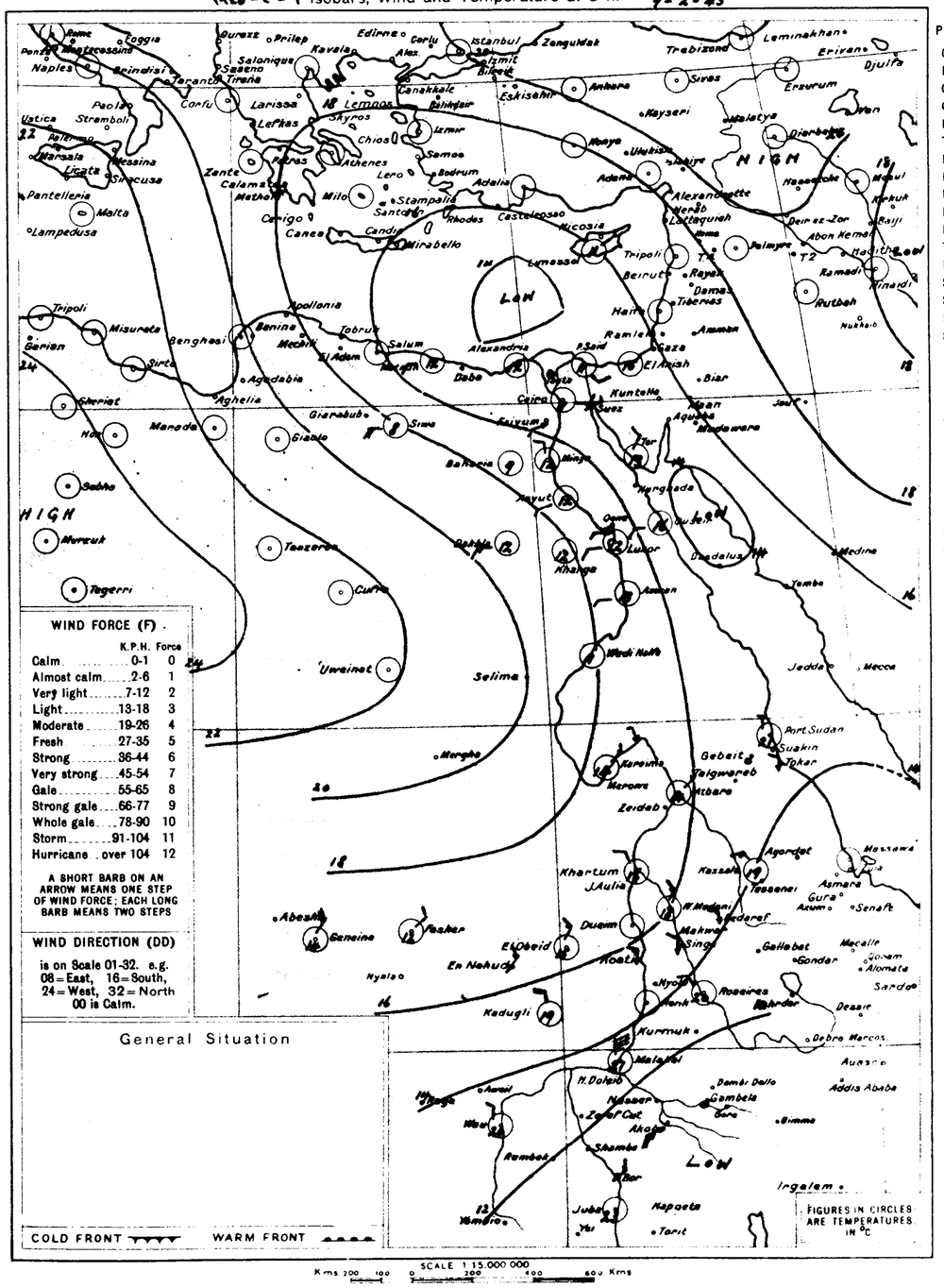
STATION	Mean of day: Humidity % on 8th	Humidity Diff. from normal	Wet Bulb Temp °C on 8th	Wet Bulb Temp Diff. from normal
Alexandria	69	+4	10.0	-1.4
Ezbekiya	54	-9	10.0	-0.4
Giza	68	0	10.7	+0.5
Helwân	49	-4	9.3	+0.1

Giza Grass minimum on 9th 4.0 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1944	1945
9-2	1273	1273
8-2	1273	1389

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		12.58	-0.74	12.59	-0.73
Nâsser		5.33	-0.05	5.35	-0.05
Malakâl		10.28	-0.34	10.29	-0.35
Roseires		11.76	+0.01	11.78	+0.01
Sennar Res.		20.42	—	20.44	—
J. Aulia U.S		376.93	—	376.98	—
J. Aulia D.S		371.88	+0.43	371.88	+0.41
Khartûm		10.67	+0.19	10.67	+0.17
Kh. el Girba					
'Atbara		10.40	+0.05	10.34	-0.02
Kajnarti		131.38	-1.29	131.91	-1.27
Aswân Res.		119.73	—	119.90	—
Aswân D.S.		85.82	-0.34	85.82	-0.36
Roda (Cairo)		16.24	+0.73	16.24	+0.76



STATION مرصد	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMP. Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms
Limassol	02	5	04	1	2	7	—	15.8	-0.5	11	—	—	—	—	—	10	620	326
Naghamadi	04	8	00	0	0	5	4	17.5	—	11.0	23	—	6	—	75	0	16	—
SHIPS سفن																		

Remarks

WATER TEMP.

RIVER NILE CAIRO 14.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH. MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30 34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70 79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90 99
" ended, now Rain	91
" with Hail	94 96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 h 39 m.
Sunset 17 39

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY 1945 ١٩٤٥ شهر فبراير

At 14 h. on 9th — الساعة ١٤ يوم ٩ ; At 8 h. on SATURDAY 10th — الساعة ٨ يوم السبت ١٠

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h PPP (M.S.L. 1000+ mbs.)	Diff. from normal mbs.	Dry Bulb °C TTT	Max Yesterday °C MM	Max Diff. from norm. °C	Min Today °C mm	Min Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALÛM																						—		—				—	130
	MATRÛH	01	9	24	3	2	5	8	14.6	15.0	58	01	9	24	1	1	4	8	18.0	+1.1	11.7	15	-3	7	-2	95	dr.	92	126	131
	DIKHEILA																						—		—				—	150
	ALEXANDRIA	02	9	20	1	2	5	8	14.2	18.0	62	21	8	00	0	5	5	9	18.4	+0.6	11.6	18	-1	10	-1	86	15	216	154	132
	DAMIETTA	01	8	20	1	0	4	8	15.1	17.6	68	00	6	16	1	0	3	4	18.2	—	11.6	19	—	11	—	92	0	88	77	159
	PORT SAÎD	01	8	02	2	1	4	3	14.7	17.1	63	01	8	20	2	1	4	1	17.6	+1.0	12.2	18	-1	11	0	90	tr.	67	54	134
	EL 'ARÎSH											01	8	20	1	1	4	8	—	—	13.7	20	+2	9	+2	74	0	169	59	135
LOWER EGYPT	DAMANHÛR	01	7	12	3	1	4	8	14.8	17.3	61	01	6	20	3	1	3	8	17.8	+0.9	9.8	18	-2	7	-1	79	3	91	69	136
	MANSÛRA	02	7	16	1	2	5	9	14.8	17.2	59	01	7	20	2	1	3	8	18.4	—	10.2	19	-1	7	0	87	0	44	34	137
	TANTA	01	7	00	0	1	5	8	15.2	17.0	62	02	8	00	0	2	5	8	19.0	+1.6	9.4	19	-1	7	0	95	0	44	27	138
	ZAGÂZÎG	02	6	22	2	1	6	9	14.7	16.2	60	00	6	18	2	0	2	8	19.0	+1.3	9.4	19	-1	8	+1	—	2	39	17	139
MIDDLE EGYPT	CAIRO ALMÂZA	81	7	22	2	8	7	9	16.0	16.0	49	05	6	21	2	2	3	4,5	18.4	—	11.0	18	—	9	—	77	4	44	—	141
	CAIRO EZBEKIYA	02	8	14	2	6	7	9	14.6	16.1	59	05	5	16	2	6	3	4	19.1	+1.3	10.1	16	-5	9	+1	84	4	41	16	—
	CAIRO GIZA	03	7	14	2	5	8	7	15.0	16.9	56	01	7	18	2	1	3	6	19.6	+1.1	11.2	18	-2	8	+2	89	7	31	17	—
	HELWÂN	02	7	16	2	2	7	6	14.8	15.4	58	09	5	00	0	8	2	0	19.8	+1.5	9.8	16	-3	8	-1	92	2	50	17	143
	SUEZ	03	8	24	2	2	8	9	15.4	17.0	71																		11	144
UPPER EGYPT	FAIYÛM	50	8	22	2	5	6	9 (8)	14.8	17.8	46	00	8	24	2	0	0	—	20.0	+2.2	9.6	19	-2	8	+1	80	2	75	5	153
	MINYA	21	8	32	3	5	5	9	15.6	19.7	39	00	8	16	2	0	0	—	21.4	+3.0	10.7	20	-1	7	0	58	dr.	1	—	154
	ASYÛT	01	8	22	2	1	5	8	16.3	17.1	51	01	6	22	1	1	4	8	21.1	+1.9	10.1	19	-3	6	-1	63	0	14	4	155
	QENA	01	8	26	3	1	4	8	15.9	18.0	55	05	7	22	2	0	0	—	20.4	+2.8	10.6	23	-?	6	-2	66	0	20	—	156
	LUXOR	00	7	26	2	0	0	—	15.8	20.6	40												—		—				—	157
	ASWÂN	01	9	32	1	1	3	1	15.2	23.6	22	02	9	30	2	1	5	1	20.0	+2.0	12.4	23	-2	9	-2	44	0	dr.	—	158
WESTERN DESERT	SÎWA	00	8	28	4	0	0	—	19.2	15.8	61	00	7	24	2	0	0	—	21.8	+2.3	7.0	16	-5	5	0	65	0	5	6	148
	BAHARÎYA	01	9	00	0	1	4	—	17.6	18.0	44	00	9	00	0	0	0	—	—		8.0	21	—	4	—	72	0	7	—	149
	KHARGA	01	9	28	2	1	4	3	16.2	18.5	38	00	8	00	0	0	0	—	21.1	+2.8	10.8	21	-3	4	-2	58	0	4	—	151
	DÂKHLA	00	8	28	3	0	0	—	17.5	18.0	57	00	8	24	1	0	0	—	23.0	+3.8	9.2	19	-4	4	-2	78	0	tr.	—	152
RED SEA	TÔR	01	—	02	1	0	4	5	15.8	—	—	01	6	04	3	1	3	8	18.6	+1.6	14.3	—	—	8	-1	75	0	3+	10	145
	HURGHÂDA											01	8	28	3	1	4	8	18.4	+1.8	15.6	22	0	9	-1	44	0	8	—	146
	QUSEIR	00	8	26	3	0	0	—	13.8	21.3	41	00	8	32	2	0	0	—	17.2	+1.0	18.0	23	0	13	-1	56	0	20	—	147
	PORT SUDAN																										0	81	91	169
NORTH SUDAN	WADI HALFA	00	8	26	3	0	1	4	17	19	35	01	9	32	2	1	4	4	21		11					—	0	0	—	165
	KAREIMA	05	6	32	3	0	3	1	15	23	16	00	8	02	4	0	0	—	19		12					61	0	0	1	166
	'ATBARA	18	6	32	4	1	3	1	12	24	16	00	7	32	4	0	3	4	17		14					45	0	0	2	167
	KHARTÛM																										0	tr.	4	168
	KASSALA	01	8	24	3	1	5	1	9	28	11	01	8	28	3	1	4	1	14		17					26	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	02	8	32	3	1	6	2	10	27	8	01	7	02	4	1	5	1	16		17					18	0	8	12	171
	DUEIM																										0	4	13	173
	RENK	00	9	30	4	0	0	—	9	28	14	00	9	28	3	0	0	—	10	—	20		—		—	15	0	—	49	182
	ROSEIRES	00	7	32	3	0	0	—	7	31	36	00	7	02	2	0	0	—	14		20					43	0	1	38	172
	EL OBEID	02	9	02	1	0	0	—	11	26	16	00	8	32	3	1	0	—	16		14					45	0	6	16	174
	EL FÂSHER	00	8	04	4	1	3	1	—	25	24	00	8	04	1	0	0	—	—		12					41	0	5	6	175
	GENEINA											00	7	02	4	0	0	—	—		12					26	0	—	4	179
	KADUGLI	00	8	02	3	1	2	1	9	31	21	00	7	02	4	0	1	1	15		19					19	0	—	89	187
S. SUDAN	MALAKÂL	01	8	32	5	1	3	4	7	30	11	02	8	32	6	1	5	2	12		21					26	0	48	88	176
	WÂU	00	8	24	1	1	3	1	7	31	09																0	178	146	177
	JÛBA	01	8	32	3	1	4	2	6	35	23	02	8	18	1	1	7	4,2	13		22					53	0	149	150	178

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAID	HELWÂN (8 h. 30 m.)	MINYA	ASYUT (7 h.)	ASWÂN (7 h.)	WÂDI HALFA (7 h.)	KAREIMA (7 h.)	KHARTÛM (7 h.)	KASSALA (7 h.)	Malakal (7 h.)	Obeid (7 h.)	JÛBA (7 h.)
				02 22 10		02 29 20	02 34 10	10 34 35	10 01 40	10 04 45	10 04 20	10 04 65	10 03 55	10 01 30
				05 26 10		05 33 25	05 36 25	15 33 35	15 35 30	15 07 35	15 09 15	15 05 30	15 04 40	15 02 35
				08 28 30		10 35 25	10 01 40	20 31 30	20 31 05	20 04 20	20 12 10	20 05 25	20 05 15	20 03 30
				10 27 25		15 33 30	15 36 45	30 27 30	30 28 35	30 26 30	30 31 05	25 05 20	30 29 15	25 05 25
				15 28 25		20 31 15		35 25 30	35 24 50	40 25 35	35 32 10		35 28 25	
				19 28 30					40 24 35		40 36 55			
				End St.							45 36 05			
											50 33 25			
											60 29 35			
											70 26 —			

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 9th	Diff. from normal	Wet bulb temp °C on 9th	Diff. from normal
Alexandria	76	+11	11.7	+0.3
Ezbekiya	70	+7	10.8	+0.4
Giza	82	+14	11.4	+1.2
Helwân	67	+14	10.1	+0.6

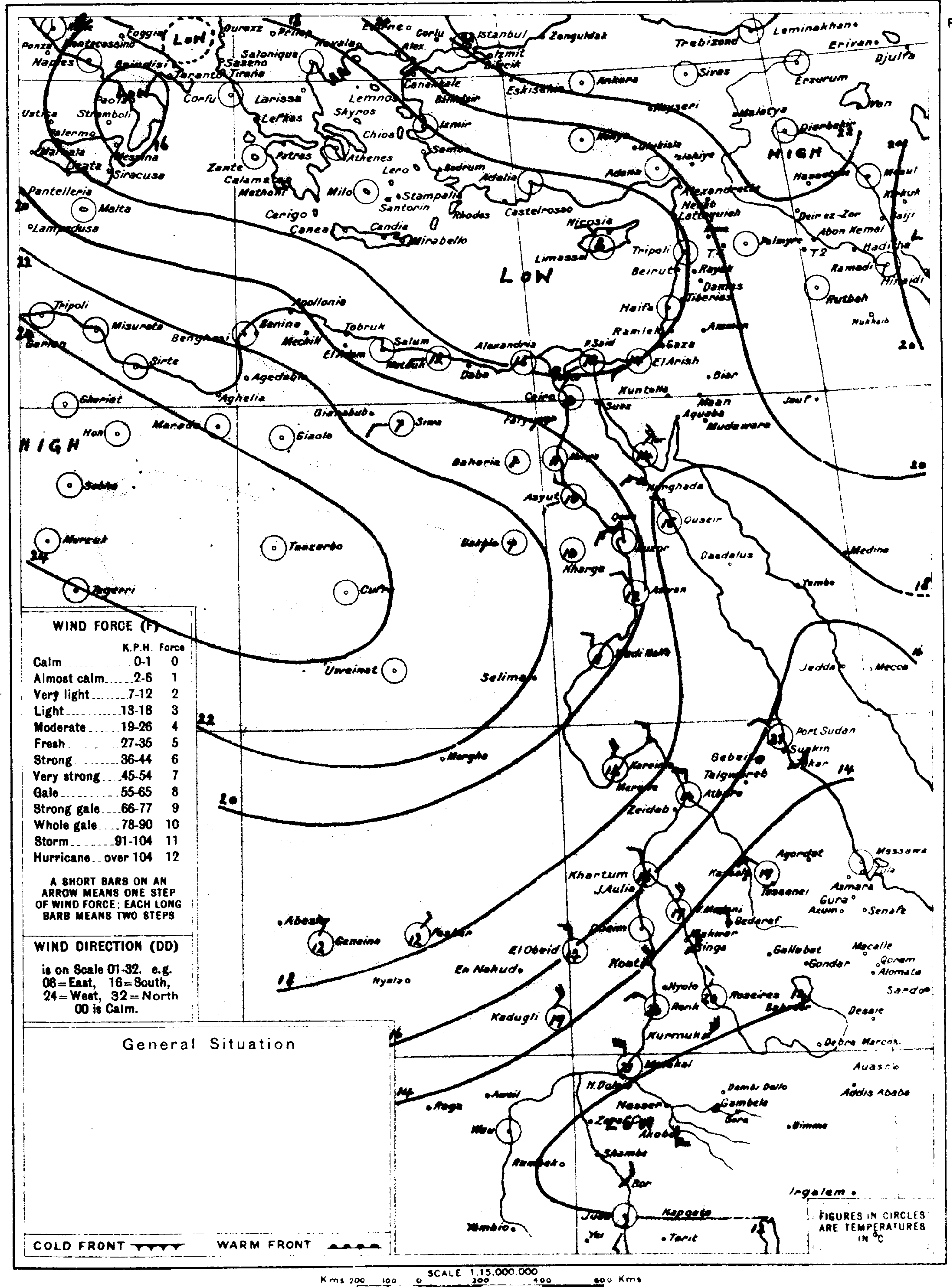
Giza Grass minimum on 10th 5.1 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
10-2	1157	1192
9-2	1273	1223

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	12.38	-0.74
Nâsser		—	—	8.33	-0.05
Malakâl		10.28	-0.32	10.28	-0.34
Roseires		11.73	0.00	11.76	+0.01
Sennâr Res.		—	—	20.42	—
J. Aulia U.S	9	—	—	376.95	—
J. Aulia D.S	-	—	—	371.88	+0.43
Khartûm	2	—	—	10.67	+0.19
Kh. el Girba					
Atbara		10.45	+0.11	10.40	+0.08
Kajnarti		—	—	131.88	-1.29
Aswân Res.		119.63	—	118.73	—
Aswân D.S.		85.63	-0.66	85.72	-0.54
Roda (Cairo)		16.31	+0.77	16.34	+0.73

Isobars, Wind and Temperature at 8 h. 10-2-1945 ١٠-٢-٤٥



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

Kms 200 100 0 SCALE 1.15.000.000 200 400 600 Kms

STATION محطة	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max Yester day °C MM	Max Diff. from norm. °C	Min Today °C mm	Min Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
At 8 h. on 10th — الساعة ٨ يوم ١٠																		
[illegible]	00	8	00	0	0	0	—	20.2	—	9.8	18	—	8	—	65	0	16	0
Limassol	00	9	30	2	0	1	—	18.0	+1.8	8	—	—	—	—	—	0	620	329
SHIPS سفن																		

Remarks

WATER TEMP.
RIVER NILE CAIRO
14.4 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06h 38m
Sunset 17h 40m

MINISTRY OF PUBLIC WORKS · PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month **FEBRUARY** 1945 ١٩٤٥ شهر فبراير

1417 F.C.

At 14 h. on 10th ١٠ الساعة ١٤ يوم — At 8 h. on **SUNDAY 11th** ١١ الأحد الساعة ٨ يوم

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h D. Temp TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C	Diff. from norm °C	Minimum Today °C	Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM																													130
MATRUH	01	9	28	1	1	4	8	17.8	16.0	69	01	9	22	3	1	4	8	16.3	-0.5	11.0	18	0	8	-1	87	0	92	127	131
DIKHEILA																													150
ALEXANDRIA	01	9	20	3	6	4	8	18.7	14.4	71	01	9	20	2	2	4	8	18.2	+0.8	12.0	16	-3	9	-2	63	dr.	212	155	132
DAMIETTA	01	8	16	1	1	4	8	18.0	18.1	67	00	8	16	1	0	3	4	18.6	—	9.9	18		8		86	dr.	88	78	159
PORT SAID	01	8	26	2	1	4	8	18.3	17.6	67	01	7	16	3	1	4	4	18.8	+2.2	11.4	18	-1	9	-2	71	0	67	55	134
[illegible]	01	9	30	1	1	3	8	18.6	16.6	66	00	9	00	0	0	0	—	—	—	13.6	20	+2	9	+2	68	0	189	60	135
[illegible]	01	7	20	3	1	4	8	18.6	17.4	67	00	6	20	3	0	0	—	18.6	+1.7	11.2	18	-2	8	0	82	0	91	69	136
[illegible]	01	7	20	2	1	4	9	18.4	18.0	55	01	7	12	1	1	3	9	18.6	—	8.4	20	0	5	-2	81	0	44	34	137
TANTA	01	8	00	0	1	4	8	18.4	18.0	57	01	8	20	1	1	4	8	18.6	+1.3	9.0	18	-2	6	-1	87	0	44	27	138
[illegible]	02	5	32	2	1	5	9	19.0	16.2	78	01	6	18	2	1	4	9	19.8	+2.2	10.4	18	-2	6	-1	84	0	39	17	139
[illegible]	01	8	26	2	1	4	8	19.9	16	46	01	7	19	2	1	4	6	20.2	—	11.9	18		9		62	0	44		141
EZBEKIYA	01	7	20	1	1	5	8	18.8	16.7	49	02	6	14	3	1	6	6	20.2	+2.8	11.0	19	-2	9	+1	70	0	41	16	
GIZA	01	7	20	1	1	5	8	19.2	20.0	42	02	6	00	0	1	5	4	20.4	+1.9	11.2	21	+1	7	+1	73	0	41	17	
HELWAN	01	9	22	2	1	4	8	19.0	16.9	41	02	7	14	2	2	6	4	20.8	+2.5	10.1	18	-2	8	-1	66	0	60	17	143
[illegible]																											37	11	144
FAYUM	01	8	24	1	1	4	8	19.2	17.8	44	02	8	24	2	2	7	6	20.8	+3.1	10.9	20	-2	9	+2	65	0	75	5	153
MINYA	01	8	32	2	1	4	8	20.7	19.4	21	00	8	12	2	0	0	—	22.2	+3.9	10.3	21	0	7	0	61	0	1		154
ASYUT	01	7	30	1	1	4	8	20.2	17.1	38	00	6	28	1	0	0	—	22.4	+3.2	10.0	19	-3	5	-2	62	0	14	4	155
QENA	00	8	26	2	0	0	—	17.8	19.8	39	00	7	24	1	0	0	—	22.3	+4.8	11.8	21	-3	5	-3	59	0	20		156
LUXOR	00	7	26	3	0	0	—	18.4	19.2	33	00	7	14	2	0	0	—	22.2	—	15.8	20		3		42	0	tr.		157
ASWAN	02	9	32	2	1	5	—	17.8	20.5	18	00	9	00	0	0	0	—	21.1	+3.1	12.7	20	-5	7	-4	44	0	dr.	—	158
SIWA	00	8	24	3	0	0	—	21.8	16.8	50	00	7	00	0	0	0	—	21.2	+1.7	8.5	18	-3	7	-2	70	0	5	6	148
BAHARIA	00	9	32	1	0	0	—	20.3	18.2	48	00	9	00	0	0	0	—	21.6	+3.2	8.2	19		5		70	0	7		149
KHARGA	00	9	32	2	0	0	—	—	17.0	34	00	8	00	0	0	0	—	22.3	+4.0	6.9	18	-6	3	-3	56	0	4	—	151
DAKHLA	00	8	28	4	0	0	—	20.8	16.6	66	00	7	28	1	0	0	—	23.5	+4.4	5.0	18	-6	3	-3	68	0	tr.		152
TOR	00	7	28	3	0	2	8	18.6	14.3	67	00	6	02	3	0	0	—	20.0	+3.0	12.2	16	-5	9	0	74	0	3	10	145
HURGHADA	00	9	30	5	0	0	—	17.2	18.8	50	00	9	30	3	0	0	—	—	—	12.5	19	-3	12	+2	68	0	8	—	146
QUSEIR	00	8	04	2	0	0	—	16.4	19.8	44	00	8	28	2	0	0	—	19.0	+2.9	13.8	23	0	12	-2	51	0	20	—	147
PORT SUDAN																										0	81	92	169
WADI HALFA	02	8	28	4	1	5	4	19	18	20	00	9	32	1	0	0	—	22		8					50	0	0		165
KAREIMA	00	8	04	4	0	1	2	16	22	19	00	9	06	1	0	1	4	19		11					38	0	0	1	166
ATBARA	18	6	32	4	0	0	—	12	26	20	00	7	30	4	0	0	—	16		14					32	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	01	8	30	2	1	3	1	8	29	20	01	8	04	2	0	3	2	13		21					47	0	9	8	170
WAD MEDANI	01	7	30	3	1	3	1	10	28	13	00	8	32	4	0	1	1	16		16					26	0	8	12	171
GUEIM																										0	4	13	173
RENK	00	9	30	3	0	0	—	8	30	11	00	9	32	3	0	0	—	14		19					19	0	—	49	182
ROSEIRES	00	8	28	2	0	0	—	8	32	22	00	7	32	2	0	0	—	13		19					43	0	1	36	172
EL OBEID	00	8	02	4	0	1	1	12	26	10	00	8	32	3	0	0	—	17		13					29	0	6	16	174
EL FASHER	01	8	04	2	1	4	1	—	24	18	02	8	02	2	1	6	2	—		12					36	0	5	6	175
GENEINA	00	8	02	4	0	0	—	—	24	13																—	—	4	179
KADUGLI	01	7	04	4	1	4	1	9	30	07	01	7	32	4	0	4	1	14		19					19	—	—	89	187
MALAKAL	01	8	32	4	1	4	2	6	32	15	02	8	32	5	1	6	4	12		20					—	0	48	88	176
WAU	02	8	04	1	1	8	2	7	32	14	02	8	32	1	1	8	2	12		20					26	6	184	146	177
JUBA	01	8	30	2	1	5	4,2	7	34	14	05	7	00	0	1	5	5,4	13		24					34	0	149	150	178

UPPER WINDS ON 11-2

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA 7h	KAREIMA 07h	[illegible] 7h	KASSALA 7h	EL OBEID 7h	MALAKAL	JUBA 7h
								10 02 40	10 04 50	10 03 30	10 04 30	10 02 85		10 04 20
								15 01 25	15 35 28	15 01 10	15 35 25	15 05 35		15 02 30
								20 03 25	20 36 20	20 25 20	20 32 35	20 36 15		20 02 25
								30 29 20	30 26 20	30 24 30	30 25 35	30 25 30		30 01 15
								40 27 40	40 25 58	40 27 30	40 22 30	40 22 25		40 06 05
								45 26 70	45 25 70	45 26 30	45 20 20	45 23 15		
								50 27 45		50 26 40	50 20 15	50 28 15		
								60 27 55				60 26 38		

Forecast for 24 hours from noon on

تنبؤات الطقس في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity on 10th	Diff. from normal	Mean of day Wet Bulb Temp. on 10th	Diff. from normal
Alexandria	76	+11	10.7	-0.7
Ezbekiya	73	+10	9.9	-0.6
Giza	80	+12	10.9	+0.6
Helwan	71	+19	9.6	+0.3

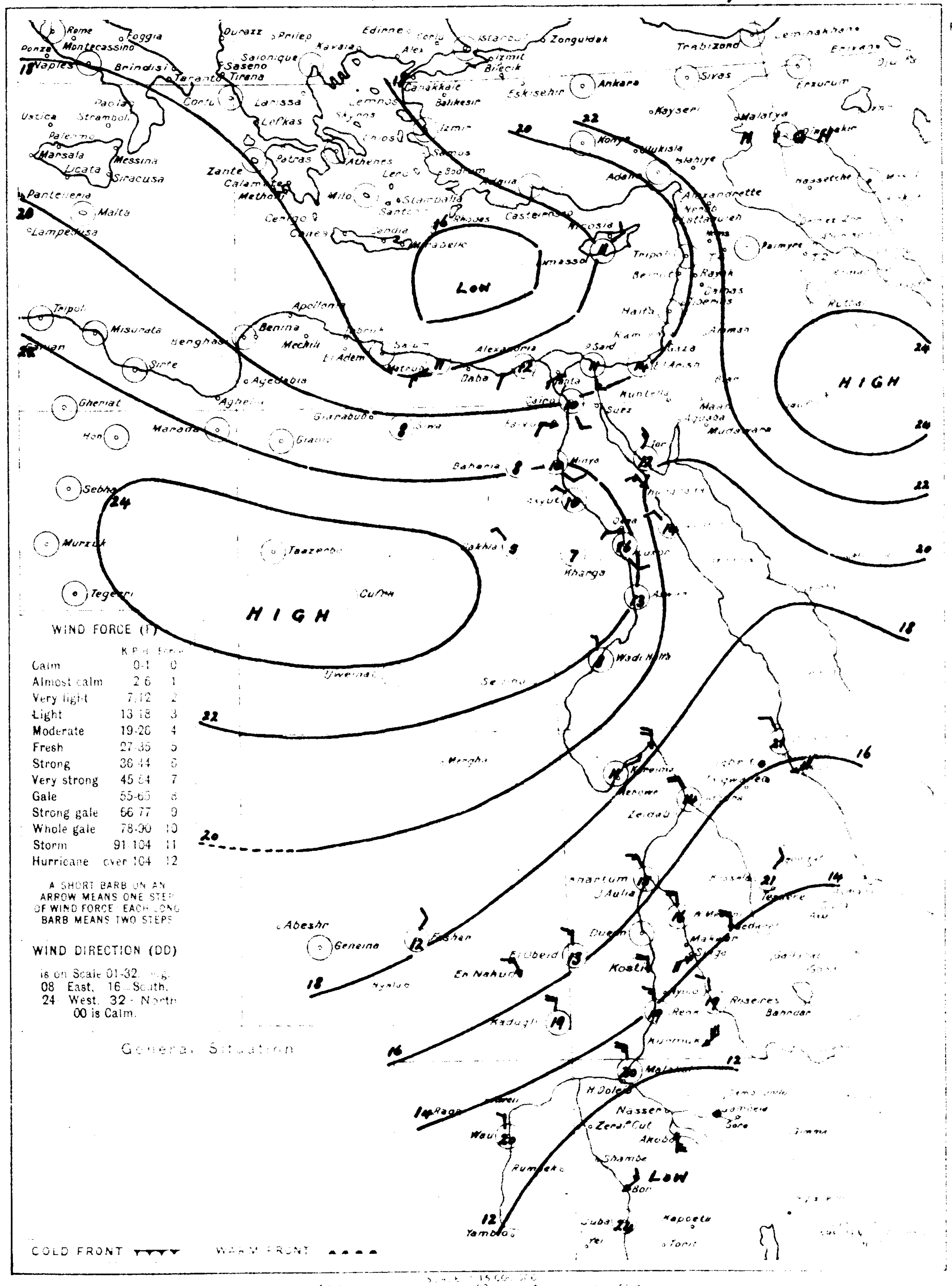
Giza Grass minimum on 11th 3.8 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
11-2	1042	1042
10-2	1157	1187

GAUGE	Date 1945: 11-2 Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	—	—	12.58	-0.74
Nasser	5.27	-0.07	5.29	-0.07
Malakal	10.27	-0.31	10.28	-0.32
Roseires	11.72	0.00	11.73	0.00
Sennar Res.	20.32	—	20.35	—
J. Aulia U.S.	—	—	376.36	—
J. Aulia D.S.	—	—	371.91	+0.48
Khartum	10.72	+0.20	10.71	+0.24
Kh. el Girba				
Atbara	10.61	+0.18	13.45	+0.11
Kajbar	131.68	-1.43	131.74	-1.37
Aswan Res.	119.51	—	119.63	—
Aswan D.S.	85.45	-0.81	85.65	-0.66
Roda (Cairo)	16.36	+0.81	16.31	+0.77

Isobars, Wind and Temperature at 8 h. 11-2-1945 ١٩٤٥-٢-١١



PRESENT WEATHER
Clear 00
Partly cloudy 01
Cloudy 02

Altocumulus
Stratocumulus
Nimbostratus
Cumulus
Cumulonimbus
Stratus

At 8 h. on 11th ١١

STATION مرصد	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L.	Diff. from normal	Dry Bulb	Max. Yesterday	Diff. from norm	Min. Today	Diff. from norm	Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	11	7	04	2	6	7	—	18.0	+1.8	11	—	—	—	—	—	1	521	332
Nagh Hamadi	00	8	00	0	0	0	—	24.3	—	8.0	18	—	2	—	59	0	16	—

SHIPS سفن

WATER TEMP.
RIVER NILE CAIRO
14.6 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/177)

ANNUAL SUBSCRIPTION INLAND POST ... ABROAD ...

CAIRO
Time of Sunrise h. m. 6h. 38m.
Sunset 17 41

Month FEBRUARY, 1945 ١٩٤٥ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 11th — الساعة ١٤ يوم ١١ | At 8 h. on MONDAY 12th — الساعة ٨ يوم الاثنين ١٢

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM																					—		—					—	130
MATRÛH	20	8	26	4	5	6	9	16.4	14.5	86	02	8	20	2	2	5	6	19.5	+2.8	12.3	16	-2	8	-1	89	dr.	92	128	131
DIKHEILA																					—		—					—	150
ALEXANDRIA	01	9	20	6	2	3	8	17.4	15.4	59	02	7	20	2	5	5	9	19.4	+1.7	13.2	17	-2	11	0	80	ly.	216	156	132
DAMIETTA	01	8	20	3	1	8	8	17.5	17.8	53	00	8	18	1	1	2	4	18.8	—	11.0	18	—	8	—	91	0	88	79	159
PORT SAÎD	01	8	20	3	1	4	8	18.4	18.8	49	01	8	24	3	1	4	5	18.7	+2.1	13.0	19	0	11	0	82	dr.	67	55	134
EL 'ARÎSH											01	9	20	1	1	3	8	19.5	+2.1	11.4	20	+2	11	+4	93	0	189	60	135
LOWER EGYPT																													
DAMANHÛR	01	6	20	4	1	4	8	17.4	17.2	65	02	5	20	3	1	6	4	19.5	+2.7	10.0	18	-2	7	-1	91	dr.	91	70	136
MANSÛRA	01	7	20	3	1	4	9	17.4	18.8	37	01	7	20	1	1	3	9	19.5	—	10.0	19	-1	7	0	94	0	44	35	137
TANTA	01	8	20	4	1	4	8	17.4	18.0	49	01	7	20	2	1	4	4	20.0	+2.8	9.5	19	-1	7	0	87	0	44	27	138
ZAGÂZÎG	01	7	20	3	1	4	8	18.6	18.6	55	02	6	04	2	1	5	9	19.5 (corrected)	+1.7 (corrected)	9.4	19	-1	7	0	100	0	39	18	139
MIDDLE EGYPT																													
CAIRO: ALMÂZA	01	8	22	4	1	4	8	19.2	18.3	31	01	7	18	2	1	4	6	21.1	—	12.0	19	—	10	—	59	0	44	—	141
CAIRO: EZBEKÎYA	01	8	18	3	1	5	8	18.3	18.5	37	05	5	14	2	1	5	4	20.4	+2.8	10.8	20	-1	9	+1	64	0	41	16	—
CAIRO: GÎZA	01	7	18	2	1	5	8	18.4	20.8	25	01	6	14	1	1	5	4	20.8	+2.4	11.3	21	+1	8	+2	73	0	31	17	—
HELWÂN	01	8	18	4	1	4	8	18.8	17.7	30	01	6	14	2	0	4	4	21.2	+3.0	10.7	18	-2	9	0	61	0	50	17	143
SUEZ																												11	144
UPPER EGYPT																													
FAIYÛM	01	8	26	3	1	3	8	19.4	19.1	35	00	8	20	1	0	2	8	20.8	+3.1	9.3	20	-2	8	+1	70	0	75	5	153
MINYA	00	9	20	3	0	0	—	21.1	19.2	39	00	8	08	2	0	0	—	21.9	+3.7	11.0	21	0	8	+1	62	0	1	—	154
ASYÛT	00	8	22	1	0	0	—	21.0	18.0	36	00	6	10	1	0	0	—	22.0	+2.9	10.8	19	-3	4	-3	60	0	14	4	155
QENA	00	8	22	2	0	0	—	18.7	20.0	41	00	7	28	2	0	0	—	21.8	+4.5	10.8	22	-3	5	-3	63	0	20	—	156
LUXOR	00	7	30	2	0	0	—	19.1	22.0	32	00	7	24	2	0	0	—	21.4	—	14.6	23	—	3	—	45	0	ly.	—	157
ASWÂN	00	9	32	1	0	0	—	18.7	21.2	22	00	9	30	1	0	0	—	21.1	+3.1	11.0	21	-4	6	-5	44	0	dr.	—	158
WESTERN DESERT																													
SÎWA	00	8	24	4	0	0	—	22.2	18.2	58	00	7	00	0	0	0	—	21.8	+2.4	7.5	19	-2	5	0	69	0	5	6	148
BAHARÎYA	01	9	00	0	1	4	—	20.4	18.0	49	00	9	00	0	0	0	—	21.1	+2.7	9.3	20	—	5	—	70	0	7	—	149
KHÂRGA	00	9	30	2	0	0	—	20.2	18.9	26	00	8	00	0	0	0	—	21.6	+3.4	9.3	20	-4	4	-2	56	0	4	—	151
DÂKHLA	00	8	28	2	0	0	—	~~19.9~~	17.5	58	00	7	28	1	0	0	—	23.0	+4.0	6.0	20	-4	3	-3	65	0	ly.	—	152
RED SEA																													
TÔR	00	7	02	3	0	0	—	19.0	19.4	61	00	7	02	2	0	0	—	19.8	+2.9	13.3	20	-1	9	0	65	0	3+	10	145
HURGHÂDA	00	9	02	3	0	0	—	18.3	19.1	39	00	9	28	3	0	0	—	20.0	+3.6	16.0	20	-2	10	0	77	0	8	—	146
QUṢEIR	00	8	02	3	0	0	—	17.9	19.4	23	00	8	28	2	0	0	—	18.8	+2.8	14.3	20	-3	12	-2	48	0	20	—	147
PORT SUDAN																										0	81	92	169
NORTH SUDAN																													
WÂDI HALFA	00	9	30	4	0	0	—	19	19	17	00	9	30	2	0	0	—	21		9					40	0	0	—	165
KAREIMA	00	8	04	3	0	0	—	15	23	15	00	8	02	1	0	1	1	19		11					38	0	0	1	166
'ATBARA	05	6	06	4	0	0	—	12	26	18	05	6	04	5	0	0	—	16		14					34	0	0	2	167
KHARTÛM																										0	ly.	4	168
KASSALA	00	8	30	3	0	3	1	8	29	29	00	8	00	0	0	0	—	13		19					56	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	32	3	0	2	1	9	28	10	00	9	32	3	0	1	1	13		17					16	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	3	0	0	—	9	29	12									—			—		—		—	—	49	182
ROSEIRES	00	7	26	2	0	0	—	7	31	19	02	8	32	2	1	6	4	13		18					49	0	1	36	172
EL OBEID	01	8	02	3	1	4	1	12	23	15	00	9	32	2	0	2	1	16		14					27	0	6	16	174
EL FÂSHER	01	9	08	2	0	4	2	—	22	25	02	9	00	0	1	6	2	—		11					38	0	5	6	175
GENEINA											00	8	04	3	0	1	1	—		13					41	—	—	4	179
KADUGLI	01	8	32	3	1	4	1	10	28	14	01	8	04	4	0	4	2	14		19					15	—	—	89	187
S. SUDAN																													
MALAKÂL	02	8	32	4	1	5	4	8	31	12	01	8	32	5	1	4	4	12		21					21	0	48	88	176
WÂU	02	8	00	0	1	8	4,2	9	30	13	01	8	02	1	1	5	4	14		20					56	0	184	146	177
JÛBA	02	8	08	2	1	6	4	8	34	32	05	7	00	0	1	6	4,2	13		23					41	0	149	151	178

UPPER WINDS ON 12th — الرياح العليا يوم ١٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAÎD	HELWÂN	MINYA	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	GENEINA	KASSALA	EL OBEID	MALAKÂL	JÛBA
h. m.	h. m.	h. m.	h. m.	8 h. 45 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.
				02 17 10		02 29 10	02 01 10	10 01 30	10 04 40	10 03 35	10 03 20	10 03 55	10 03 70	10 00 00
				05 21 10		05 33 20	05 02 30	15 01 35	15 01 20	15 04 30	15 36 30	15 07 20	15 06 25	15 04 50
				08 27 15		10 33 20	10 36 10	20 03 20	20 02 15	20 32 20	20 29 15	20 13 05	20 11 15	20 03 30
				10 27 20		15 29 20	15 34 10	30 30 02	30 23 30	30 24 30	30 07 15	30 31 05	25 07 15	30 12 (02) 30
				15 26 20		20 30 35	20 30 25	40 25 25	40 24 60	40 24 25	40 11 15	40 21 15		35 03 25
				20 28 20		25 30 35	25 29 25		45 23 75	45 25 30		45 20 05		
				23 29 35					50 24 70	60 25 50		50 24 05		
				25 28 50					55 25 80			60 23 15		
				30 29 40										
				40 29 60										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 11th	Diff. from normal	Wet Bulb Temp. °C on 11th	Diff. from normal
Alexandria	62	-3	10.6	-0.9
Ezbekiya	55	-8	9.7	-0.8
Giza	62	-6	9.7	-0.6
Helwân	50	-2	8.9	-0.5

Giza Grass minimum on 12th 4.4 °C

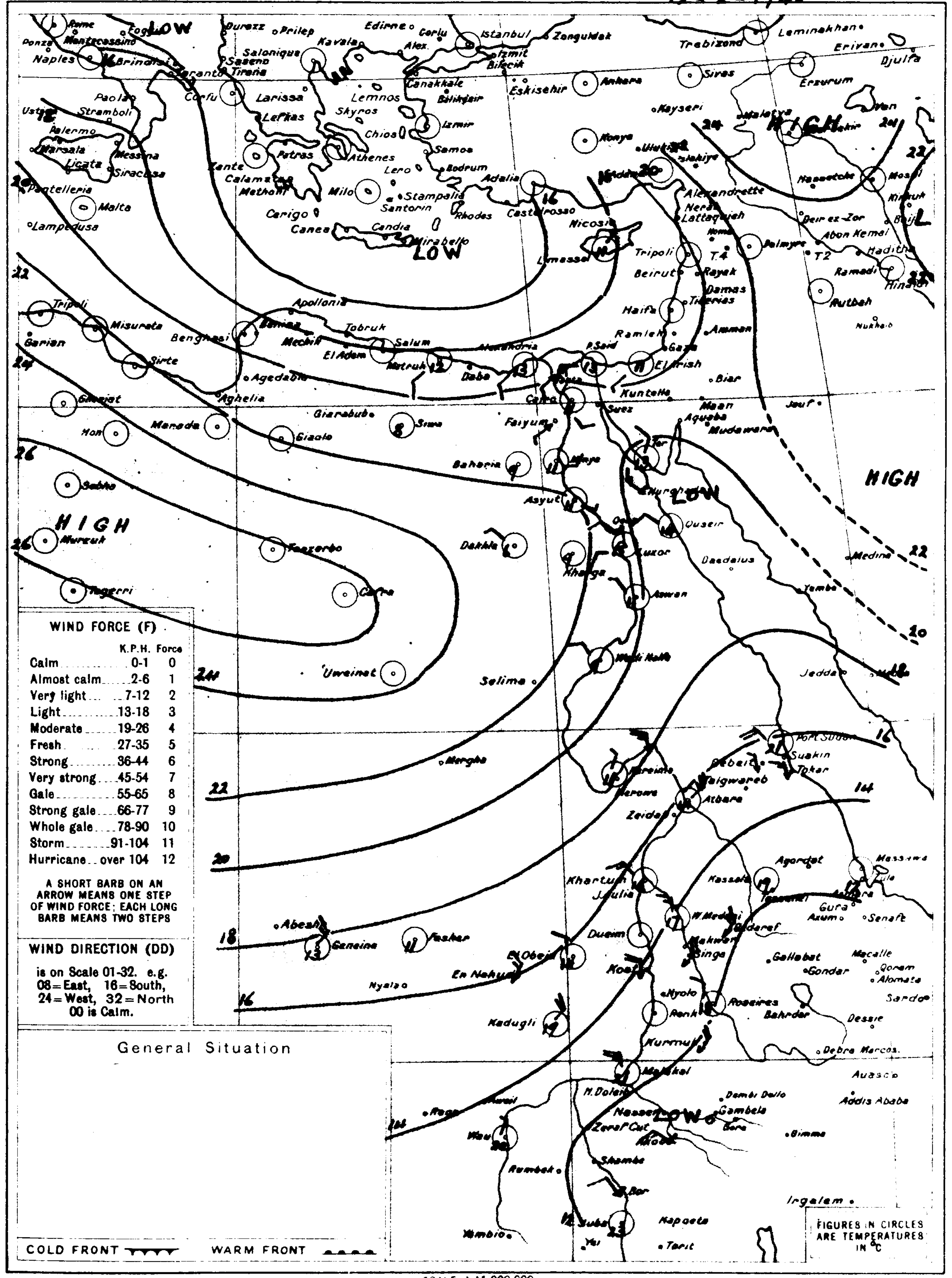
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
12-2	984	926
11-2	1042	1082

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	—	—
Nâsser		—	—	5.27	-0.07
Malakâl		10.26	-0.31	10.27	-0.31
Roseires		11.70	-0.01	11.72	0.00
Sennâr Res.	12-2	—	—	20.32	—
J. Aulia U.S		—	—	—	—
J. Aulia D.S		—	—	—	—
Khartûm		—	—	10.72	+0.26
Kh. el Girba					
'Atbara		10.54	+0.22	10.51	+0.18
Kajnarti		—	—	130.65	-1.43
Aswân Res.		119.45	—	119.51	—
Aswân D.S.		85.33	-0.90	85.45	-0.81
Rôda (Cairo)		16.36	+0.80	16.36	+0.81

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٢-١٢ Isobars, Wind and Temperature at 8 h. 12-2-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

COLD FRONT — WARM FRONT

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
At 8 h. on 12th — الساعة ٨ يوم ١٢																		
N. Hamadi	00	8	00	0	0	0	—	21.6	—	8.8	21	—	2	—	72	0	16	—
Limassol	00	9	04	2	1	2	—	17.8	+1.8	11	—	—	—	—	—	14	535	335
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 14.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO

Time of Sunrise 06 h 37 m

Sunset 17 h 42 m

Month FEBRUARY, 1945 ١٩٤٥ شهر فبراير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	At 14 h on 12th: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	Temp. °C TTT	Humidity UU	At 8 h on Tuesday, 13th: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C	Diff. from norm °C	Minimum Today °C	Diff from norm °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN SALUM																												—	130
MATRUH	01	9	24	4	1	5	8	17.4	18.4	34	01	9	24	4	—	5	8	18.8	+2.1	12.2	19	+1	8	−1	87	2	94	129	131
DIKHEILA																					—		—					—	150
ALEXANDRIA	01	9	24	4	5	4	8	18.3	16.2	67	02	8	20	5	6	5	9	17.9	+0.3	14.0	18	−1	12	+1	81	1	213	157	132
DAMIETTA	02	8	24	1	6	5	9	17.9	17.2	73	02	8	20	2	1	5	4	17.4	—	12.8	19	—	9	—	86	tr.	88	79	159
PORT SAID	02	8	28	3	5	5	6	17.8	15.9	73	01	8	—	3	1	4	5	17.0	+0.4	13.0	19	0	11	0	75	dt.	67	55	134
EL ARISH	01	9	30	1	1	3	8	18.6	17.2	56	01	8	20	1	1	4	8	—	—	16.6	21	+3	7	0	43	0	189	61	135
LOWER EGYPT DAMANHUR	01	7	20	4	1	4	8	17.9	18.3	58	20	5	20	3	5	8	7	17.4	+0.7	11.8	20	0	9	+1	83	dt.	91	71	136
MANSURA	02	7	20	2	2	5	9	18.6	18.7	54	01	7	20	2	1	4	9	17.6	—	12.0	20	0	8	+1	76	0	44	35	137
TANTA	01	8	20	3	1	4	8	18.0	19.5	51	00	8	20	2	0	0	—	18.2	+1.0	12.0	20	0	8	+1	84	0	44	28	138
ZAGAZIG	02	6	28	2	1	5	8	18.6	19.2	66	00	7	20	2	0	2	9	18.7	+1.2	11.2	20	0	9	+2	86	0	39	18	139
MIDDLE EGYPT CAIRO ALMAZA	01	7	24	3	1	4	8	19.8	19	35	01	7	20	2	1	5	6	19.5	—	13.1	20	—	12	—	55	0	44	—	141
EZBEKIYA	01	7	22	2	1	4	8	19.0	20.0	45	05	6	14	3	1	5	6	19.0	+1.5	12.3	20	−1	11	+3	63	0	41	16	—
GIZA	01	7	22	2	1	4	8	18.6	22.6	33	02	6	12	2	1	5	4	19.1	+0.7	12.6	23	+3	10	+4	68	0	41	17	—
HELWAN	02	9	00	0	1	5	8	18.8	17.8	46	02	7	14	1	2	6	6	19.6	+1.4	11.0	20	0	10	+1	60	0	50	17	143
SUEZ																												11	144
UPPER EGYPT FAIYUM	01	8	20	2	1	4	8	19.1	19.2	43	02	8	30	1	2	6	6	19.9	+2.3	10.7	21	−1	9	+2	58	0	75	5	153
MINYA	01	9	22	2	1	4	8	19.2	20.3	42	00	7	12	3	0	0	—	21.6	+3.4	11.1	22	+1	8	+1	62	0	1	—	154
ASYUT	00	7	28	1	0	0	—	19.9	19.1	38	00	6	08	1	0	0	—	21.5	+2.5	11.2	20	−2	7	0	63	0	14	4	155
QENA	00	8	22	2	0	0	—	18.0	22.4	36	00	7	24	1	0	0	—	20.8	+3.6	10.0	23	−2	6	−2	72	0	20		156
LUXOR	00	7	30	3	0	0	—	18.3	23.0	31	00	7	24	2	0	0	—	21.1	—	15.3	23	—	5	—	50	0	tr.		157
ASWAN	00	9	28	2	0	0	—	17.8	21.0	20	00	9	00	0	0	0	—	21.0	+3.1	13.2	22	−3	8	−3	43	0	dt.	—	158
WESTERN DESERT SIWA	00	7	22	5	0	0	—	21.5	19.5	52	00	7	00	0	0	0	—	22.3	+3.0	9.5	20	−1	7	+2	70	0	5	6	148
BAHARIYA	00	9	32	1	0	0	—	20.0	19.0	42	00	9	00	0	0	0	—	—	—	6.5	19		3		64	0	7		149
KHARGA	00	9	04	2	0	0	—	19.5	19.7	27	00	8	08	1	0	0	—	21.9	+3.8	10.2	21	−3	6	−1	55	0	4	—	151
DAKHLA	00	8	28	3	0	0	—	20.0	18.9	52	00	7	00	0	0	0	—	24.4	+5.5	8.7	21	−3	3	−3	64	0	tr.		152
RED SEA TOR	00	6	02	3	0	0	—	—	19.2	65	00	6	02	2	0	0	—	19.0	+2.2	11.9	19	−2	9	−1	68	0	3+	10	145
HURGHADA	00	9	02	6	0	0	—	17.6	19.5	52	00	9	30	4	0	0	—	18.7	+2.4	15.5	20	−2	10	0	71	0	8	—	146
QUSEIR	00	8	32	3	0	0	—	17.5	19.8	49	00	8	28	2	0	0	—	18.6	+2.6	15.0	21	−2	13	−1	52	0	20	—	147
PORT SUDAN																										0	81	92	169
NORTH SUDAN WADI HALFA	00	9	30	4	0	0	—	19	21	17	00	9	30	2	0	0	—	22		9					50	0	0	—	165
KAREIMA	00	8	04	3	0	1	1	15	24	16	00	8	04	2	0	0	—	19		12					36	0	0	1	166
ATBARA	00	7	04	5	0	0	—	—	—	—	18	6	02	5	0	0	—	16		16					28	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	30	3	0	0	—	7	32	24	00	8	14	2	0	2	1	13		19					68	0	9	8	170
CENTRAL SUDAN WAD MEDANI	02	8	30	2	0	7	1	8	—	—	00	9	32	4	0	1	1	15		18					20	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	3	0	0	—	9	30	13																—	—	49	182
ROSEIRES	00	7	30	2	0	0	—	7	31	29	00	7	02	2	0	0	—	13		22					47	0	1	36	172
EL OBEID	02	9	02	3	1	7	—	10	31	16	00	9	32	3	0	3	1	17		14					27	0	6	16	174
EL FASHER	02	—	—	3	—	—	—	—	—	—	02	8	02	2	1	6	2	—		12					41	0	5	6	175
GENEINA	00	9	00	0	0	0	—	—	27	08	02	8	04	4	1	6	2	—		14					13	—	—	4	179
KADUGLI	01	8	04	4	1	4	1	9	32	10	02	8	04	3	0	5	1	15		21					11	—	—	89	187
S. SUDAN MALAKAL	02	8	—	4	1	—	4	7	32	08	02	8	32	5	1	5	4	12		22					17	0	48	88	176
WAU											02	8	02	3	1	8	4,5	13		23					20	0	184	147	177
JUBA	00	8	30	1	8	0	—	8	31	29	05	6	28	1	2	7	4,2	13		24					54	tr.	149	151	178

UPPER WINDS ON 13th ١٣ يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	CAIRO	ASYUT	ASWAN	WADI HALFA	KAREIMA	GENEINA	KASSALA	EL OBEID	[illegible]	JUBA
h. m.	h. m.	h. m.	h. m.	8 h. 30 m.	9 h. 30 m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.
				02 16 20	02 24 15	02 29 10	02 35 15	10 36 50	10 03 50	10 04 30	10 03 15	10 02 50	10 36 15	10 01 15
				05 26 20	05 27 30	05 30 25	05 36 45	15 33 30	15 36 30	15 06 40	15 36 15	15 02 45	15 04 20	15 02 15
				08 28 40	10 27 50	10 30 25	10 35 20	20 34 30	20 35 30	20 29 05	20 32 10	20 03 40	20 02 15	20 03 15
				10 27 45	15 28 50	15 31 30	15 30 20		30 29 20	30 29 20	30 28 10	30 05 20	30 31 30	
				15 27 55	20 28 50	20 32 55	20 30 30		40 26 —	40 27 10	40 27 25		40 27 20	
				20 26 60		25 33 55	25 30 35			60 26 45			45 22 20	
				23 27 60									50 23 20	
													60 27 45?	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 12th	Diff. from normal	Wet bulb temp. °C on 12th	Diff. from normal
Alexandria	68	+3	12.0	+0.5
Ezbekiya	56	−6	10.6	0.0
Giza	68	0	10.9	+0.5
Helwan	51	−1	9.9	+0.5

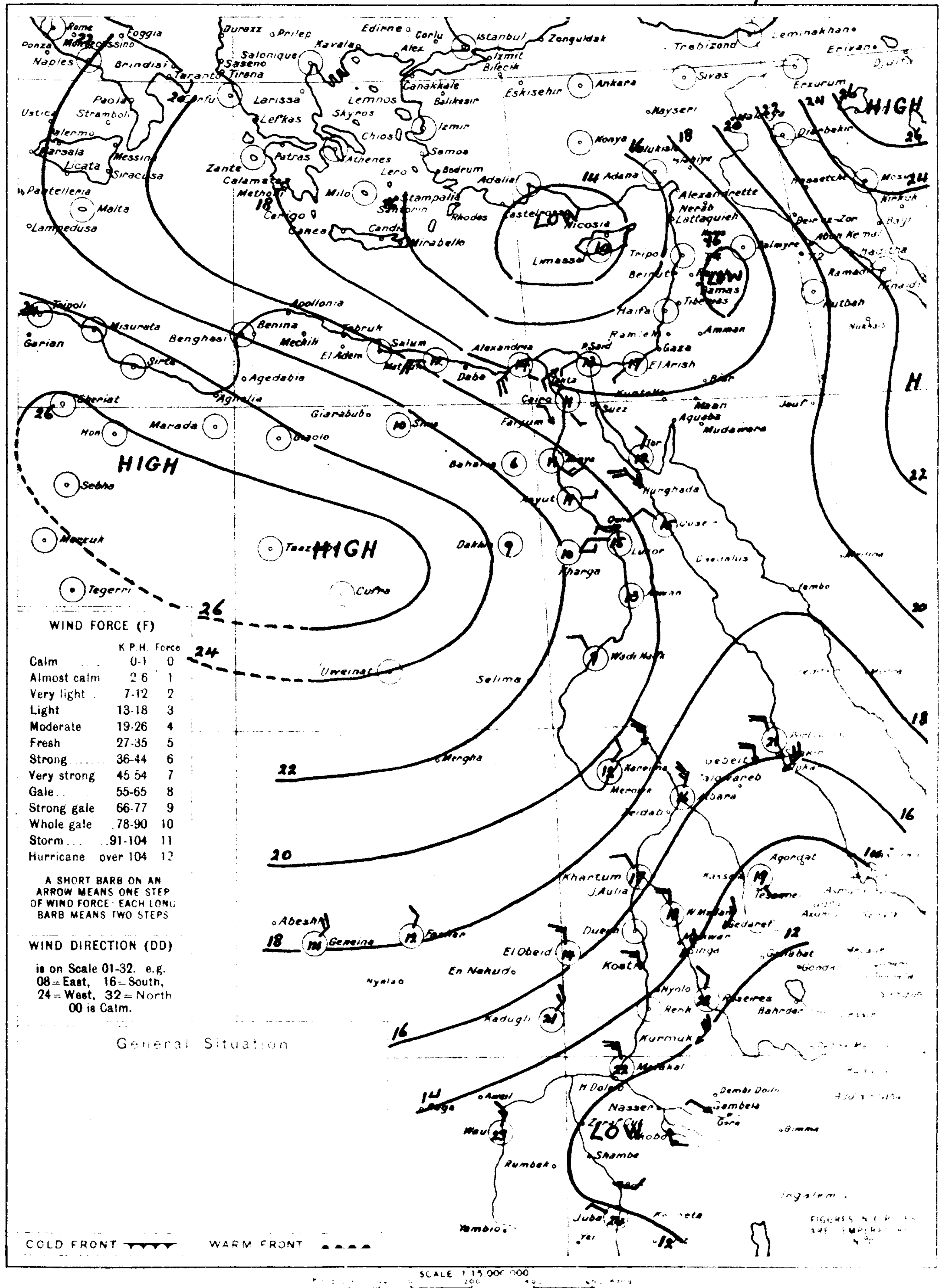
Giza Grass minimum on 13th 5.6 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
13 - 2	984	926
12 - 2	984	926

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	13 - 2	—	—	12.58	−0.74
Nasser		—	—	5.26	−0.07
Malakâl		10.27	−0.28	10.26	−0.31
Roseires		11.66	−0.05	11.70	−0.01
Sennâr Res.		—	—	20.28	—
J. Aulia U.S		—	—	376.80	—
J. Aulia D.S		—	—	371.91	+0.5
Khartum		—	—	10.73	+0.28
Kh. el Girba					
Atbara		10.57	+0.25	10.54	+0.22
Kajnarti		—	—	131.56	−1.49
Aswân Res.		119.36	—	119.45	—
Aswân D.S.		85.33	−0.87	85.33	−0.90
Roda (Cairo)		16.36	+0.79	16.36	+0.80

١٩٤٥-٢-١٣ Isobars, Wind and Temperature at 8 h. 13-2-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT WARM FRONT

SCALE 1:15,000,000

STATION	At 8 h on 13th: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs	Diff from normal mbs	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff from norm °C	Minimum Today °C	Diff from norm	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	00	0	0	0	—	21.2	—	10.0	20	—	11	—	70	0	16	—
Limassol	25	8	00	0	6	8	—	14.6	−1.4	10	—	—	—	—	—	20	555	338
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 15.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist, Fog in last hour	41
Thick [illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 06 h 36 m
Sunset 17 h 43 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY, 1945 ١٩٤٥ شهر فبراير

STATION	At 14 h. on 13th ww	V	DD	F	W	N	C	PPP	TTT	UU	At 8 h. on WEDNESDAY, 14th ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity UU	Rain past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																														
SALUM																					—			—					—	130
MATRUH	01	9	26	4	1	5	8	19.2	16.0	69	01	9	24	2	1	5	8	23.4	+6.7	13.4	17	-1	8	-1	94	0	94	130	131
DIKHEILA																					—			—					—	150
ALEXANDRIA	02	8	24	4	5	5	9	17.9	15.7	72	01	9	28	4	2	4	8	22.7	+5.1	15.6	17	-2	12	+1	62	2	215	158	132
DAMIETTA	63	8	28	2	6	5	9	16.4	13.8	92	01	8	18	2	1	4	8	21.6	—	12.1	18	—	9	—	90	1	89	80	159
PORT SAID	14	7	24	5	6	5	6	16.2	17.3	68	01	8	26	3	6	4	8	21.1	+4.6	14.2	19	0	12	+1	85	3	70	56	134
EL ARISH	01	9	30	1	1	3	8	17.0	17.2	41	01	8	20	1	6	5	9	—	—	14.0	20	+2	10	+3	90	6	195	61	135
LOWER EGYPT																														
DAMANHUR	01	7	24	4	6	4	8	17.1	18.0	60	01	6	24	2	1	3	8	22.6	+5.9	10.6	18	-2	8	0	91	2	93	72	136
MANSURA	01	7	20	3	1	4	9	16.8	17.8	57	01	7	24	2	1	3	8	22.4	—	11.0	20	0	7	0	85	tr.	44	35	137
TANTA	50	8	24	4	5	4	9	17.8	17.0	76	01	7	20	1	1	4	8	23.0	+5.9	10.0	18	-2	6	-1	96	tr.	44	28	138
ZAGAZIG	50	5	28	3	5	8	7	17.2	16.8	74	01	7	28	2	1	4	8	21.8	+4.3	11.8	20	0	7	0	94	1	40	18	139
MIDDLE EGYPT																														
CAIRO ALMAZA	01	7	28	4	1	4	8	18.7	18	45	05	6	17	1	0	7	4	22.8	—	12.2	—	—	10	—	80	tr.	44	—	141
CAIRO EZBEKIYA	02	8	28	4	1	5	8	18.2	18.3	43	09	5	14	1	0	4	4	22.8	+5.4	11.5	20	-1	10	+2	86	tr.	41	16	—
CAIRO GIZA	02	8	28	3	1	5	8	17.9	21.2	33	09	5	00	0	1	3	4	23.1	+4.8	12.6	22	+1	7	+1	87	tr.	41	17	—
HELWAN	62	8	24	5	6	5	9	17.8	17.1	35	09	5	00	0	0	0	—	22.8	+4.7	10.1	19	-1	9	0	91	tr.	50	17	143
SUEZ											00	7	32	3	0	3	5	22.2	+6.2	15.1	—	—	7	-3	73	0	37	11	144
UPPER EGYPT																														
FAIYUM	01	8	28	2	1	4	8	19.1	18.7	37	00	8	24	1	0	0	—	23.8	+6.3	10.8	20	-2	7	0	76	0	75	5	153
MINYA	02	8	28	3	2	5	8	19.1	21.4	33	09	6	32	2	4	0	—	24.0	+6.0	11.0	23	+2	7	0	75	0	1	—	154
ASYUT	01	7	26	1	1	3	8	19.5	20.0	32	00	6	22	1	0	0	—	23.9	+5.0	11.5	21	-1	6	-1	70	0	14	4	155
QENA	00	8	26	3	0	0	—	18.6	22.0	30	00	7	24	2	0	0	—	22.4	+5.3	12.2	23	-2	6	-2	67	0	20		156
LUXOR	00	7	26	3	0	0	—	19.1	22.0	29	00	7	10	2	0	0	—	22.4	—	15.0	23	—	5	—	53	0	tr.		157
ASWAN	00	9	32	3	0	0	—	18.2	22.0	22	00	9	32	2	0	0	—	21.5	+3.6	13.0	23	-2	10	-1	39	0	tr.	—	158
WESTERN DESERT																														
SIWA	00	8	24	2	0	0	—	22.3	18.8	67	00	7	00	0	0	0	—	25.8	+6.6	8.2	19	-2	5	0	65	0	5	6	148
BAHARIYA	00	9	32	1	0	0	—	20.0	18.6	37	00	9	00	0	0	0	—	23.5	+5.2	12.5	19		8		71	0	7		149
KHARGA	00	9	28	2	0	0	—	19.6	21.1	27	00	8	00	0	0	0	—	22.8	+4.8	12.9	22	-2	7	0	58	0	4	—	151
DAKHLA	00	8	28	4	0	0	—	20.2	19.8	67	00	7	24	1	0	0	—	24.2	+5.3	9.5	21	-3	6	0	80	0	tr.		152
RED SEA																														
TOR	00	6	26	2	0	0	—	18.2	—	—	00	6	28	3	0	1	1	20.0	+3.3	15.2	—	—	11	+1	76	0	3	10	145
HURGHADA	00	4	02	5	0	0	—	18.3	20.2	47	01	8	28	3	1	4	8	21.2	+5.0	14.2	21	-1	9	-1	68	0	8	—	146
QUSEIR	00	8	04	3	0	0	—	17.1	20.0	55	00	8	28	2	0	0	—	19.9	+4.0	16.0	21	-2	13	-1	51	0	20	—	147
PORT SUDAN																										0	81	92	169
NORTH SUDAN																														
WADI HALFA	00	8	28	4	0	0	—	19	21	23	00	8	32	1	0	0	—	22		11					58	0	0	—	165
KAREIMA	00	8	04	4	0	0	—	—	25	14	00	8	04	3	0	0	—	19		13					29	0	0	1	166
ATBARA	18	6	30	4	0	0	—	12	27	14	00	7	28	4	0	0	—	16		16					36	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	30	3	1	2	1	8	32	24	00	8	32	3	0	0	—	12		23					47	0	9	8	170
CENTRAL SUDAN																														
WAD MEDANI	00	8	32	4	0	0	—	9	31	12	02	8	26	4	1	6	—	16		16					28	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	30	3	0	0	—	9	30	09	00	9	32	3	0	0	—	12?		19					28	—	—	49	182
ROSEIRES	00	7	32	2	0	0	—	8	33	26	02	7	30	2	1	8	6	12		22					53	0	1	36	172
EL OBEID	01	9	02	4	1	4	1	11	28	19	00	9	30	3	0	3	2	16		14					39	0	6	16	174
EL FASHER											00	8	00	0	0	2	1	—		11					38	0	5	6	175
GENEINA											01	8	02	4	1	4	2	—		16					15	—	—	4	179
KADUGLI	02	8	04	3	1	6	1	9	33	08	01	8	04	4	0	4	1	14		21					11	—	—	89	187
S. SUDAN																														
MALAKAL	02	8	04	4	1	7	4,5	8	31	16	02	8	32	5	1	7	4,5	12		23					18	0	48	88	176
WAU	21	8	02	1	5	7	6	10	30	13	02	8	02	1	1	8	4,5	13		22					19	tr.	184	147	177
JUBA	01	8	32	3	2	4	4,1	7	36	17	05	7	18	1	1	5	4,1	13		26					40	0	149	152	178

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN 8 h 30 m	MINYA h m	ASYUT 7 h m	ASWAN 7 h m	WADI HALFA 7 h m	KAREIMA 7 h m	GENEINA 7 h m	KASSALA 7 h m	FASHER 7 h m	MALAKAL 7 h m	JUBA 7 h m
				02 14 10		02 35 20	02 36 20	10 02 45	10 03 40	10 04 30	10 03 30	10 01 10	10 03 —	10 34 05
				05 34 20		05 01 30	05 36 40	15 36 35	15 01 35	15 06 50	15 35 20	15 03 25		15 01 30
				08 34 30		10 35 40	10 01 40	20 36 25	20 01 30	20 04 05	20 29 20	20 08 20	20 06 30	20 03 25
				10 35 30		15 34 35	15 34 25	30 33 30	30 31 20	30 30 10	30 27 15	30 29 15		
				15 35 35		20 34 40	20 36 35	40 29 20	40 27 40	40 30 15	40 24 15	40 31 15		
				20 33 35		25 33 40	25 32 30		45 29 50		45 25 15			
				23 32 45					50 27 60					
				28 34 60										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 13th	Diff. from normal	Wet bulb temp. on 13th	Diff. from normal
Alexandria	71	+6	12.5	+1.0
Ezbekiya	61	-1	11.0	+0.4
Giza	65	-2	11.5	+1.1
Helwan	55	+3	9.7	+0.3

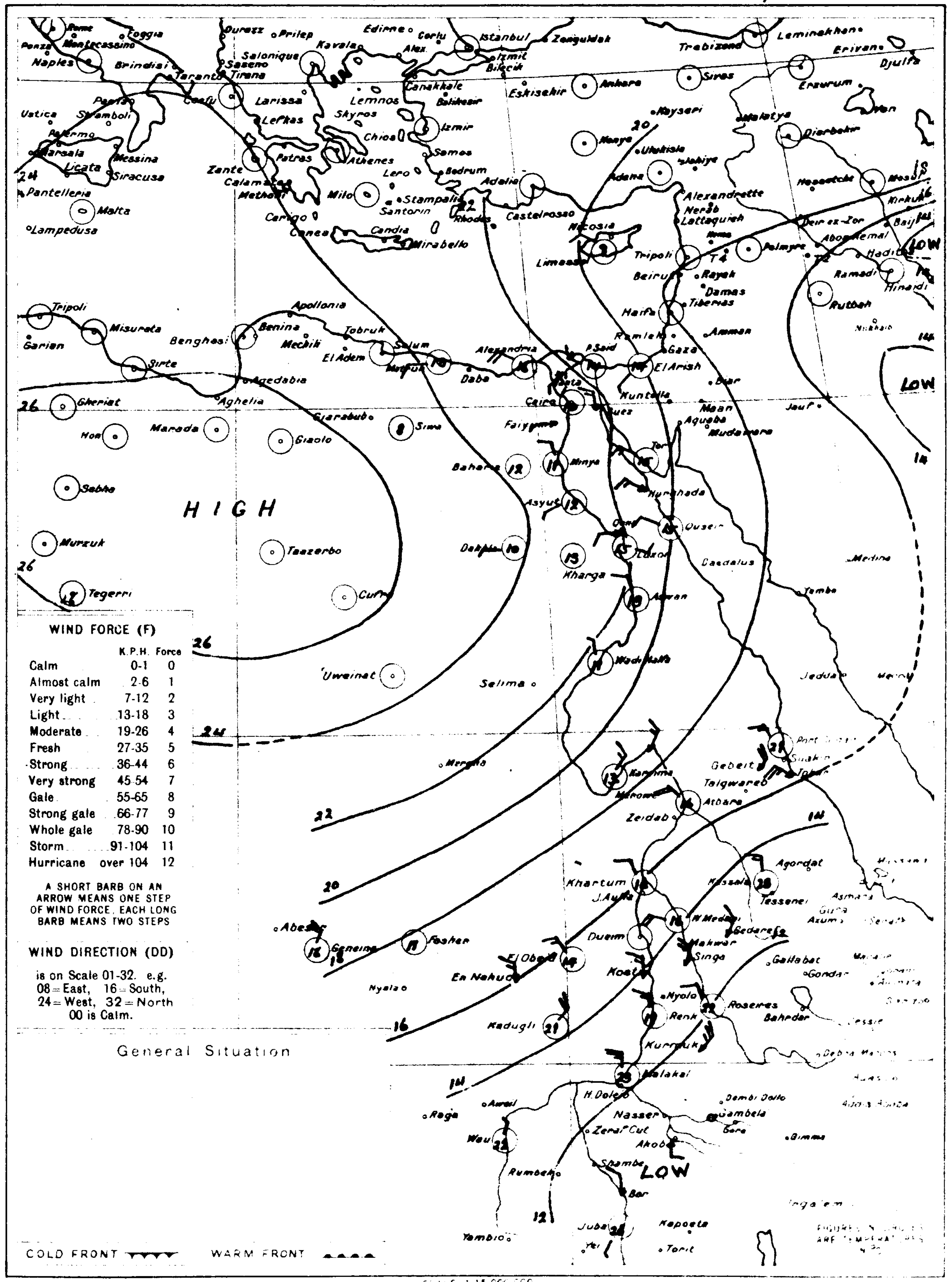
Giza Grass minimum on 14th 3.9 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
14-2	984	926
13-2	984	926

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m.
Juba	14-2	—	—	13.57	-0.75
Nasser		—	—	5.24	-0.08
Malakal		10.25	-0.28	10.27	-0.28
Roseires		11.68	-0.01	11.66	-0.05
Sennar Res.		—	—	20.24	—
J. Aulia U.S		—	—	—	—
J. Aulia D.S		—	—	—	—
Khartum		—	—	10.74	+0.30
Kh. el Girba					
Atbara		—	—	10.57	+0.25
Kajnarti		—	—	131.50	-1.52
Aswan Res.		119.26	—	119.36	—
Aswan D.S.		85.32	-0.85	85.33	-0.87
Roda (Cairo)		16.36	+0.77	16.36	+0.79

١٩٤٥-٢-١٤ Isobars, Wind and Temperature at 8 h. 14 - 2 - 1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000

STATION محطة	At 8 h. on 14th ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rain Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
N. Hamadi	00	8	00	0	0	0	—	22.0	—	11.1	20	—	5	—	64	0	16	—
Limassol	02	8	28	2	1	5	—	18.4	+2.6	9	—	—	—	—	—	0	555	341

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 15.6 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94, 96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/177)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 50

CAIRO
Time of Sunrise h 06 m 35
Sunset 17 43

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY, 1945 — ١٩٤٥ شهر فبراير

At 24 h. on 14th — الساعة ٢٤ يوم ١٤

Region	Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU
Mediterranean	SALUM										
	MATRUH	01	9	28	2	1	4	8	24.2	16.3	69
	DIKHEILA										
	ALEXANDRIA	01	9	28	2	2	4	8	23.0	18.4	59
	DAMIETTA	01	8	26	3	1	4	8	21.6	17.1	64
	PORT SAID	01	8	26	3	1	4	8	21.2	18.8	60
	EL ARISH	01	9	30	1	1	4	8	21.1	17.2	60
Lower Egypt	DAMANHUR	01	7	28	4	1	4	8	22.7	17.4	57
	MANSURA	01	8	04	2	1	4	8	22.3	18.5	54
	TANTA	02	8	28	3	1	5	8	22.3	19.0	54
	ZAGAZIG	02	6	28	2	1	5	8	21.8	19.8	69
Middle Egypt (Cairo)	ALMAZA	01	8	29	2	1	4	8	22.1	19.0	54
	EZBEKIYA	01	8	28	2	1	5	8	22.2	18.8	53
	GIZA	01	8	28	2	1	4	8	21.8	19.4	44
	HELWAN	01	7	28	3	1	4	8	22.2	17.4	50
	SUEZ	02	8	30	3	2	5	8	21.8	19.2	59
Upper Egypt	FAIYUM	01	8	32	2	1	4	8	22.4	19.0	45
	MINYA	01	8	28	3	1	4	8	22.8	20.6	44
	ASYUT	01	8	30	2	1	4	8	22.2	18.1	42
	QENA	00	8	02	2	0	0	—	19.4	23.0	31
	LUXOR	00	7	30	2	0	0	—	19.5	23.5	29
	ASWAN	00	9	32	5	0	0	—	18.8	22.0	24
Western Desert	SIWA	00	8	24	2	0	0	—	26.8	19.5	59
	BAHARIYA	00	9	00	0	0	0	—	22.7	19.0	42
	KHARGA	00	9	28	3	0	0	—	21.4	19.9	34
	DAKHLA	00	8	—	2	0	0	—	22.4	19.5	51
Red Sea	TOR	00	6	28	6	0	0	—	19.4	19.2	73
	HURGHADA	01	8	30	3	1	3	8	19.6	20.1	48
	QUSEIR	00	8	32	3	0	0	—	19.6	20.8	44
	PORT SUDAN										
North Sudan	WADI HALFA	00	8	30	4	0	0	—	19	22	19
	KAREIMA	00	7	04	4	0	0	—	15	26	14
	ATBARA	31	3	28	5	3	9	—	11	28	10
	KHARTUM										
	KASSALA	00	8	02	4	0	0	—	8	31	22
Central Sudan	WAD MEDANI	00	8	02	4	0	3	1	9	31	11
	DUEIM										
	RENK	00	9	30	3	0	0	—	8	31	16
	ROSEIRES	00	7	32	2	1	0	—	8	32	28
	EL OBEID	00	9	04	4	1	1	1	11	32	20
	EL FASHER	01	8	06	3	0	4	2	—	27	14
	GENEINA	01	8	04	4	1	5	—	—	27	17
	KADUGLI	01	8	04	4	1	4	5	7	32	06
S. Sudan	MALAKAL	01	8	02	4	1	5	4,2	7	32	11
	WAU	01	8	06	1	1	4	4	9	32	09
	JUBA	01	8	04	2	1	5	4,1	8	34	16

At 8 h. on THURSDAY 15th — الساعة ٨ يوم الخميس ١٥

Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
SALUM																			130
MATRUH	01	9	24	1	1	3	8	—	—	12.8	18	0	8	-1	86	0	94	130	131
DIKHEILA																			150
ALEXANDRIA	01	9	00	0	2	4	8	24.0	+6.5	15.8	19	0			68	0	215	158	132
DAMIETTA	00	7	18	1	1	2	8	23.4	—	12.9	17	—	9	—	89	0	89	81	159
PORT SAID	00	8	20	2	0	3	5	23.0	+6.5	13.7	20	0	11	0	91	0	70	56	134
EL ARISH	01	8	20	1	1	5	9	—	—	14.2	20	+2	10	+3	62	0	195	62	135
DAMANHUR	00	5	20	2	0	0	—	23.6	+7.0	9.8	19	-1	7	-1	92	0	93	73	136
MANSURA	41	7	28	1	4	0	—	23.8	—	11.0	20	0	7	0	81	0	44	35	137
TANTA	00	7	00	0	0	0	—	24.2	+7.1	9.7	20	0	6	-1	98	0	44	28	138
ZAGAZIG	04	4	20	2	4	0	—	23.9	+6.5	7.2	21	+1	5	-2	—	0	40	18	139
ALMAZA	00	7	08	1	0	1	4	24.2	—	12.5	20	—	8	—	82	0	44	—	141
EZBEKIYA	08	4	32	1	4	2	4	23.8	+6.5	11.3	21	0	9	+1	89	0	41	16	—
GIZA	08	4	02	1	4	0	—	24.2	+6.0	10.4	20	-1	6	-1	96	0	41	17	—
HELWAN	09	6	00	0	0	3	4	24.2	+6.2	10.8	19	-1	8	-1	89	0	50	18	143
SUEZ	01	7	02	1	0	4	8	23.6	+6.7	12.0	21	+1	9	-1	89	0	37	11	144
FAIYUM	00	8	00	0	0	0	—	24.6	+7.1	10.0	20	-2	8	+1	87	0	76	5	153
MINYA	00	7	32	3	0	0	—	24.0	+6.0	11.5	21	-1	8	+1	82	0	1	—	154
ASYUT	00	6	20	1	0	0	—	23.4	+4.6	10.5	20	-2	6	-1	71	0	14	4	155
QENA	00	7	32	1	0	0	—	22.0	+5.0	10.6	25	0	6	-2	75	0	20	—	156
LUXOR																			157
ASWAN	00	9	32	1	0	0	—	21.1	+3.3	13.4	22	-3	9	-2	52	0	tr.	—	158
SIWA	00	7	00	0	0	0	—	26.2	+7.0	7.5	20	-1	4	-1	69	0	5	6	148
BAHARIYA	00	9	08	1	0	0	—	25.2	+7.0	10.5	20		6		63	0	7	—	149
KHARGA	00	7	32	1	0	0	—	22.3	+4.3	13.2	21	-3	10	+3	55	0	4	—	151
DAKHLA	00	7	24	2	0	0	—	23.2	+4.4	9.1	21	-3	7	+1	72	0	tr.	—	152
TOR	00	7	32	1	0	0	—	21.9	+5.2	14.2	20	-1	11	+1	67	0	34	10	145
HURGHADA	00	9	02	5	0	0	—	20.7	+4.5	14.2	19	-3	10	0	68	0	8	—	146
QUSEIR	00	8	28	2	0	0	—	19.2	+3.3	17.0	21	-2	15	+1	57	0	20	—	147
PORT SUDAN																0	81	92	169
WADI HALFA	00	9	28	1	0	0	—	20		10					62	0	0	—	165
KAREIMA	00	8	04	2	0	0	—	17		14					32	0	0	1	166
ATBARA	00	7	04	4	0	0	—	15		15					25	0	0	2	167
KHARTUM																0	tr.	4	168
KASSALA	01	7	02	4	0	4	2	12		20					64	0	9	8	170
WAD MEDANI	02	8	02	3	1	5	1	14		18					78	0	8	12	171
DUEIM																0	4	13	173
RENK	00	9	28	3	0	0	—	9		19					28	—	—	49	182
ROSEIRES	00	7	28	2	0	0	—	12		20					49	0	1	36	172
EL OBEID	00	8	32	2	0	2	1	15		14					23	0	6	16	174
EL FASHER	00	8	30	1	0	3	1	—		11					41	0	5	6	175
GENEINA	00	8	04	4	1	0	—	—		14					34	—	—	4	179
KADUGLI	00	7	04	4	0	1	1	13		21					17	—	—	89	187
MALAKAL	01	8	32	5	1	5	4,	11		22					19	0	48	88	176
WAU	01	8	32	1	1	4	1	12		19					13	0	184	147	177
JUBA	01	8	06	1	1	4	4,5	12		24					41	0	149	152	178

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	FASHER	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	8 h 45 m	h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m
				02 03 05		02 03 10	02 36 10	10 05 50	10 05 50	10 01 25	10 06 15	10 03 60	10 03 —	10 03 35
				05 04 10		05 03 25	05 02 25	15 05 25	15 04 25	15 06 50	15 08 10	15 05 50	15 05 60	15 03 30
				08 03 25		10 36 25	10 04 35	20 06 20	20 04 20	20 07 20	20 03 30	20 06 30	20 06 40	20 05 20
				10 03 20		15 03 15	15 05 15	30 04 10	30 34 25	30 36 02	30 33 20	30 05 10	25 07 35	
				15 05 15		20 03 15	20 07 05	40 25 10	40 27 45	40 33 05	35 27 20	40 03 10		
				20 36 15		25 01 15	25 06 15	45 23 20	45 27 55	45 32 20		45 11 05		
				25 08 10		30 36 20	30 02 10	48 25 25	48 27 55	50 26 15		48 23 05		
				30 02 15						60 28 25				
				40 31 15										
				50 27 15										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Mean of day

Station	Humidity % on 14th	Diff. from normal	Wet Bulb Temp °C on 14th	Diff. from normal
Alexandria	62	-3	12.7	+1.2
Ezbekiya	72	+10	12.0	+1.3
Giza	78	+11	12.3	+1.8
Helwan	73	+22	11.1	+1.6

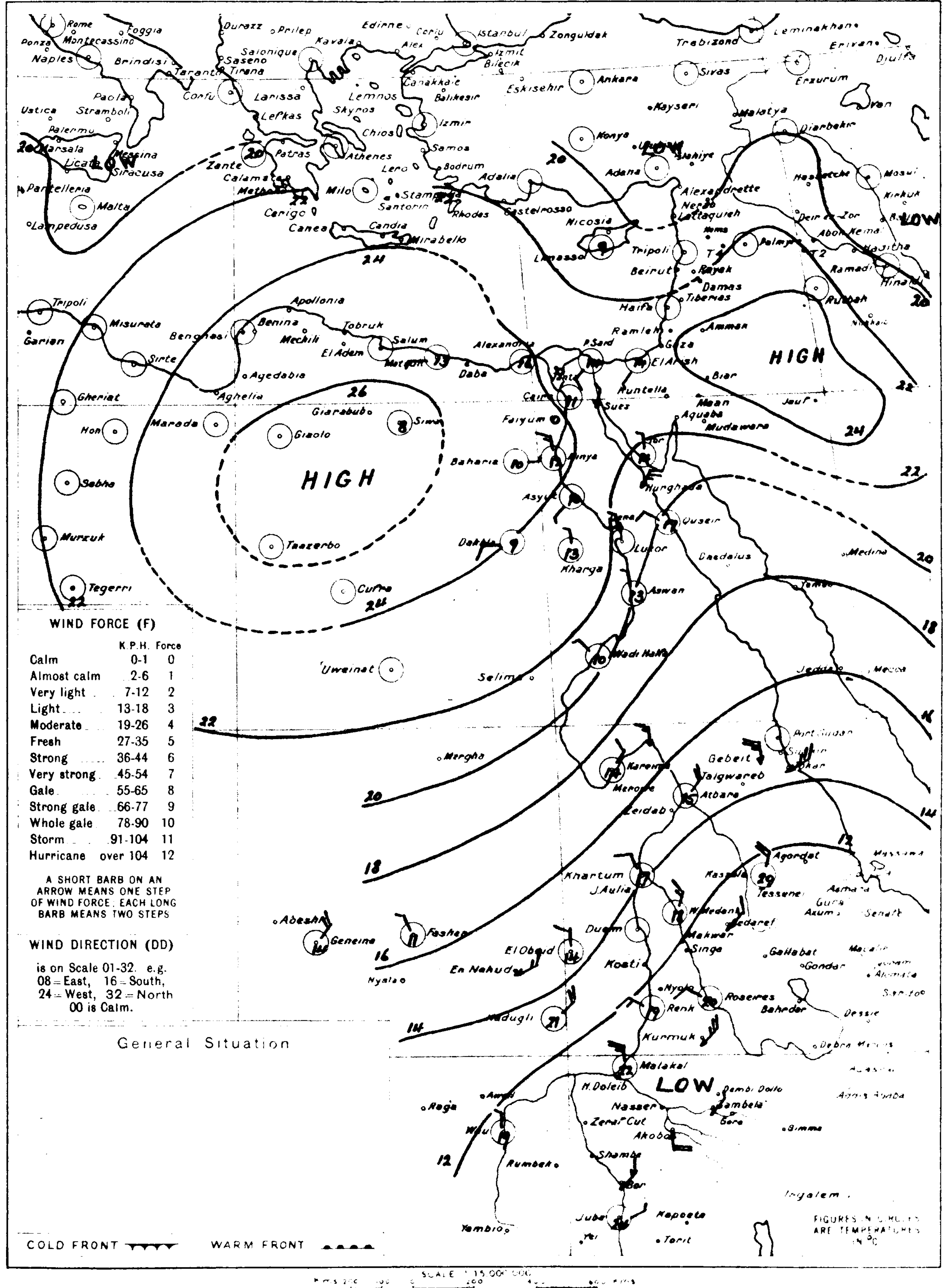
Giza Grass minimum on 15th 2.7 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
15-2	984	984
14-2	984	926

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m.
Juba		—	—	12.57	-0.74
Nasser		—	—	5.22	-0.08
Malakal		10.25	-0.26	10.25	-0.28
Roseires		11.67	0.00	11.68	-0.01
Sennar Res.		—	—	20.19	—
J. Aulia U.S		—	—	376.70	—
J. Aulia D.S		—	—	371.92	+0.56
Khartum		—	—	10.73	+0.30
Kh. el Girba					
Atbara		10.59	+0.29	10.58	+0.27
Kajnarti		—	—	131.46	-1.53
Aswan Res.		119.16	—	119.26	—
Aswan D.S.		85.32	-0.81	85.32	-0.85
Roda (Cairo)		16.36	+0.76	16.36	+0.77

١٩٤٥-٢-١٥ Isobars, Wind and Temperature at 8 h. 15-2-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

SCALE 1:15,000,000

At 8 h. on 15th — الساعة ٨ يوم ١٥

STATION محطة	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday MM	Diff. from norm	Min. Today	Diff. from norm	Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	26	1	0	0	—	22.8	—	11.0	21	—	5	—	75	0	16	—
Limassol	00	9	00	0	0	0	—	21.2	+5.3	9	—	—	—	—	—	0	555	344

SHIPS سفن

Remarks
Water Temp. River Nile Cairo 15.7 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
.. of Snow	83, 84
.. of Sleet	85, 86
.. of Hail	88, 89
Thunderstorm	90-99
.. ended, now Rain	91
.. with Hail	94, 96
.. with Duststorm	98
.. heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ..	1
500 ..	2
1 Kilometre	3
2 ..	4
4 ..	5
10 ..	6
20 ..	7
50 ..	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/277)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06h 34m
Sunset 17h 44m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C

Month FEBRUARY 1945 ١٩٤٥ شهر فبراير

At 14 h. on 15th — الساعة ١٤ يوم ١٥ ; At 8 h. on FRIDAY 16th — الساعة ٨ يوم الجمعة ١٦

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp. °C TTT	14h % Humidity UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h M.S.L. 1000+ mbs PPP	8h Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm °C	Min. Today °C	Min. Diff. from norm °C	% Humidity UU	Rain past 24 hrs mms	Rain total from Oct 1 mms	Normal from Oct 1 mms	Station Number
Mediterranean	SALUM																													130
	MATRUH	01	9	28	2	1	3	8	21.9	16.5	74																		131	131
	DIKHEILA																													150
	ALEXANDRIA	01	9	00	0	2	4	4	22.7	18.1	68	02	9	00	0	2	6	6	21.4	+3.9	16.5	20	+1	14	+3	66	0	215	159	132
	DAMIETTA	01	8	30	2	1	3	8	22.0	17.2	61	01	6	22	1	1	5	8	20.6	—	11.8	18		9		91	0	89	82	159
	PORT SAID	00	8	32	2	1	3	8	21.8	18.4	62	02	7	14	2	2	5	6	20.0	+3.6	13.8	20	0	11	0	85	0	70	57	134
	EL ARISH	01	9	30	1	1	3	8	21.8	17.0	59	01	9	00	0	1	3	8	—	—	16.0	20	+2	8	+1	72	0	195	63	135
Lower Egypt	DAMANHUR	01	7	32	3	1	3	8	22.0	19.6	50	02	6	20	3	2	5	4	20.8	+4.2	12.0	21	0	7	-1	86	0	93	73	136
	MANSURA	01	8	30	2	1	4	8	21.0	20.0	52	02	6	30	1	2	6	9	21.2	—	9.0	22	+1	6	-1	93	0	44	36	137
	TANTA	01	8	00	0	1	4	8	22.0	19.0	54	02	7	00	0	2	5	8	21.8	+4.7	9.0	21	0	2	-5	95	0	44	28	138
	ZAGAZIG	01	7	28	3	1	3	8	21.8	18.4	66	02	5	14	2	1	5	8	21.4	+4.1	9.2	21	0	4	-3	100	0	40	18	139
Middle Egypt (Cairo)	ALMAZA	01	8	02	1	1	4	8	22.4	18.7	58	05	6	00	0	0	5	6	21.5	—	10.2	20		8		69	0	44		141
	EZBEKIYA	01	8	28	2	1	4	8	21.5	19.3	51	43	2	00	0	4	5	6	21.1	+3.9	10.2	20	-1	9	+1	90	0	41	17	
	GIZA	01	7	28	2	1	4	8	21.2	19.0	48	47	2	00	0	4	9	—	21.4	+3.2	8.1	19	-2	6	0	99	0	41	17	
	HELWAN	00	8	30	3	0	2	8	21.2	18.6	41	08	4	04	2	0	0	—	22.0	+4.0	9.9	19	-1	8	-1	98	0	50	18	143
	SUEZ	00	9	02	4	0	0	—	21.6	18.5	63	00	8	30	1	0	0	—	20.4	+3.5	16.5	21	0	9	-1	69	0	37	11	144
Upper Egypt	FAIYUM	00	8	32	1	0	0	—	21.4	18.8	46	00	8	00	0	0	0	—	21.9	+4.6	10.7	19	-3	8	+1	90	0	75	6	153
	MINYA	00	9	30	3	0	0	—	20.4	20.3	47	00	7	28	3	0	0	—	20.7	+2.8	11.1	21	-1	8	+1	85	0	.1		154
	ASYUT	00	7	30	1	0	0	—	19.8	19.8	33	00	6	22	1	0	0	—	19.6	+0.9	10.0	21	-1	6	-1	74	0	14	4	155
	QENA	00	8	24	1	0	0	—	18.3	24.0	39	00	8	24	1	0	0	—	19.0	+2.1	13.0	25	0	7	-1	66	0	20		156
	LUXOR	00	7	30	2	0	0	—	19.1	23.3	36																	tr.		157
	ASWAN	00	9	32	4	0	0	—	16.0	24.0	26	00	9	32	1	0	0	—	17.6	-0.2	14.0	24	-1	10	-1	67	0	tr.	—	158
Western Desert	SIWA	00	8	00	0	0	0	—	23.0	20.8	52	00	6	00	0	0	0	—	22.2	+3.1	6.5	21	0	4	-1	69	0	5	6	148
	BAHARIYA	00	9	00	0	0	0	—	21.4	19.8	35	00	9	00	0	0	0	—	22.3	+4.2	10.2	20		6		72	0	7		149
	KHARGA	00	8	04	2	0	0	—	18.7	21.7	34	00	7	04	1	0	0	—	19.0	+1.1	10.3	22	-3	7	0	73	0	4	—	151
	DAKHLA	00	8	04	2	0	0	—	20.3	20.3	48	00	7	24	1	0	0	—	20.3	+1.6	9.9	22	-2	7	+1	71	0	tr.		152
Red Sea	TOR	00	7	26	2	0	0	—	19.6	20.2	64	00	6	02	2	0	0	—	18.2	+1.6	13.4	21	0	8	-2	75	0	3+	11	145
	HURGHADA	00	9	30	3	0	0	—	—	18.0	44	00	9	28	3	0	0	—	18.8	+2.7	16.4	21	0	10	0	59	0	8	—	146
	QUSEIR	00	8	32	3	0	0	—	19.4	20.6	68	00	8	28	2	0	0	—	17.0	+1.2	16.0	22	-1	14	0	63	0	20	—	147
	PORT SUDAN																										0	81	92	169
North Sudan	WADI HALFA	00	9	30	4	0	0	—	15	24	17	00	7	30	3	0	0	—	17		11					47	0	0	—	165
	KAREIMA	00	8	04	2	0	0	—	12	26	16	00	8	04	2	0	0	—	14		11					47	0	0	1	166
	ATBARA	00	7	04	3	0	0	—	9	27	19	00	8	32	3	0	0	—	13		17					42	0	0	2	167
	KHARTUM																										0	tr.	4	168
	KASSALA	01	8	02	2	1	4	2	8	32	24	00	8	00	0	0	0	—	10		19					60	0	9	8	170
Central Sudan	WAD MEDANI	01	8	02	4	1	3	1	7	32	10	00	8	02	2	0	0	—	12		18					30	0	8	12	171
	DUEIM																										0	4	13	173
	RENK	00	9	29	3	0	0	—	8	33	10																—	—	49	182
	ROSEIRES	00	7	24	2	0	0	—	6	33	32	00	7	30	2	0	0	—	10		21					25	0	1	36	172
	EL OBEID	00	8	04	4	0	2	1	9	28	10	00	9	32	2	0	1	1	13		17					24	0	6	16	174
	EL FASHER	01	8	32	5	1	5	2	—	34	16	00	8	04	2	0	0	—	—		12					38	0	5	6	175
	GENEINA	00	8	04	4	0	0	—	—	34	11	00	8	02	3	0	0	—	—		15					25	—	—	4	179
	KADUGLI	02	8	02	4	1	5	1	7	32	13	02	8	04	4	0	5	2	11		22					13	—	—	89	187
S. Sudan	MALAKAL	01	8	32	5	1	5	4,1	4	34	18	01	8	32	5	1	4	2	8		23					32	0	48	88	176
	WAU	01	8	04	2	1	3	1	7	33	07	02	8	00	0	1	8	2	10		21					38	0	184	147	177
	JUBA	00	8	30	3	0	0	—	—	36	15	05	7	00	0	1	7	4,2	10		23					47	0	149	153	178

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA 7 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID	MALAKAL 7 h.	JUBA 7 h.
								10 00 30	10 04 35	10 05 30	10 05 20		10 02 —	10 02 35
								15 03 15	15 01 20	15 05 25	15 01 15		15 04 40	15 03 35
								20 34 25	20 35 15	20 09 05	20 31 05		20 11 25	20 04 30
								30 29 45	30 30 30	30 09 05	30 29 10		30 21 20	
								40 28 60	40 27 50	40 36 05	40 28 05		40 30 05	
								45 27 80	45 25 70	45 36 10				
										50 21 15				
										60 26 15				

Forecast for 24 hours from noon on

تغيرات الطقس المتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 15th	Diff. from normal	Mean of day: Wet bulb temp. °C on 15th	Diff. from normal
Alexandria	68	+3	13.3	+1.8
Ezbekiya	74	+12	12.1	+1.3
Giza	84	+17	11.2	+0.7
Helwan	69	+18	11.1	+1.5

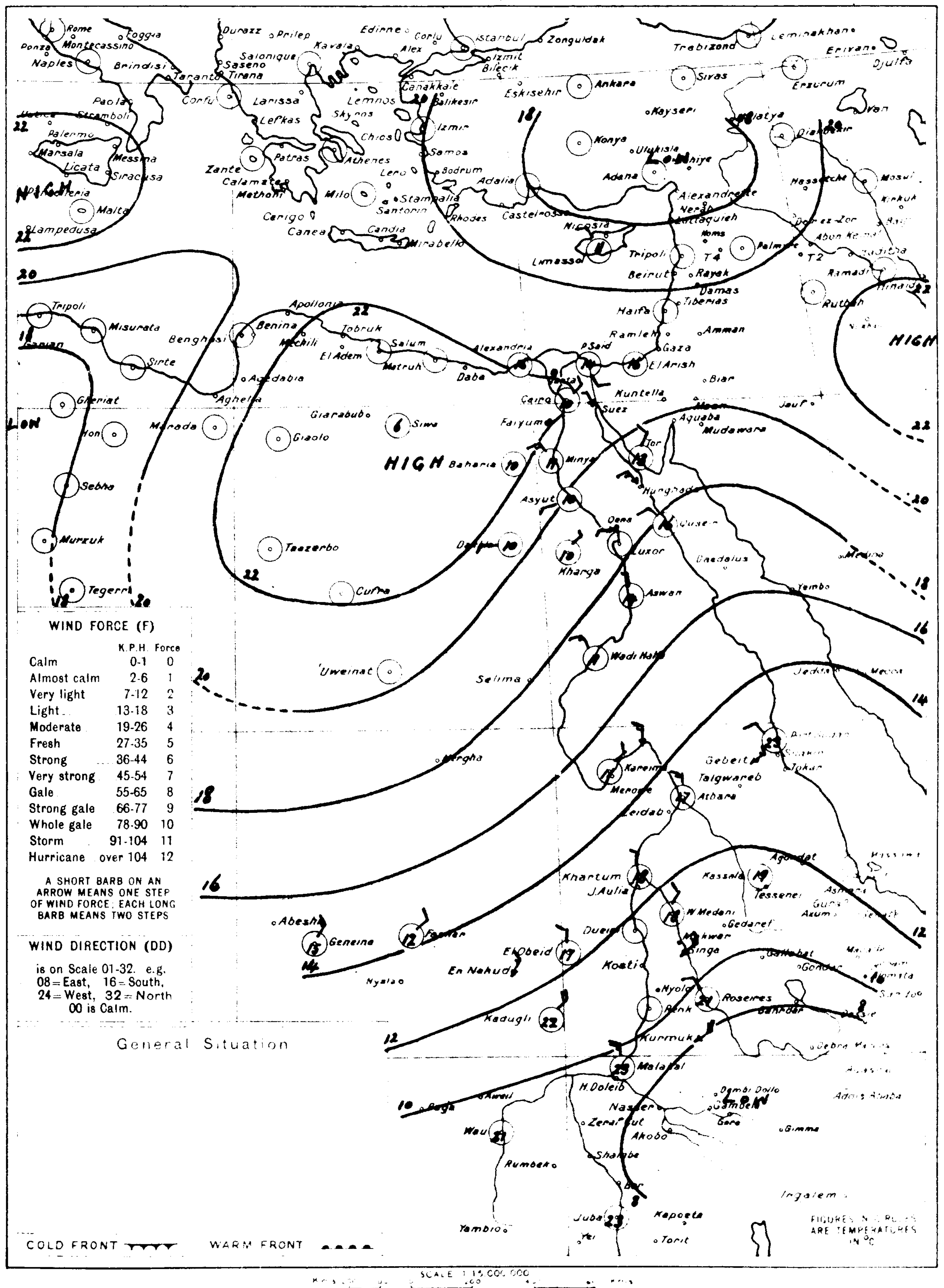
Giza Grass minimum on 16th 2.9 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
16-2	984	984
15-2	984	984

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		12.55	-0.75	12.56	-0.75
Nasser		5.20	-0.06	5.20	-0.08
Malakal		10.24	-0.25	10.25	-0.26
Roseires		11.67	+0.01	11.67	0.00
Sennar Res.		20.10	—	20.14	—
J. Aulia U.S		376.69	—	376.74	—
J. Aulia D.S		371.91	+0.58	371.90	+0.86
Khartum		10.73	+0.34	10.74	+0.33
Kh. el Girba					
Atbara		10.59	+0.31	10.59	+0.29
Kajnarti		131.45	+1.48	131.42	-1.53
Aswan Res.		119.65	—	119.76	—
Aswan D.S.		85.32	-0.79	85.32	-0.81
Roda (Cairo)		16.31	+0.72	16.36	+0.76

١٦-٢-٤٥ Isobars, Wind and Temperature at 8 h. 16-2-45



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000

At 8 h. on 16th — الساعة ٨ يوم ١٦

Station (SHIPS)	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday	Diff. from norm	Min. Today	Diff. from norm	% Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Naghamsai	00	8	00	0	0	0	—	17.4	—	12.0	24	—	5	—	65	0	16	—
Limassol	02	8	30	2	1	5	—	18.6	+2.8	11	—	—	—	—	—	0	555	347

SHIPS سفن

Remarks

WATER TEMP. RIVER NILE CAIRO 15.6 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist Fog in last hour	41
Thick [illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
[illegible] ended, now Rain	91
with Hail	94, 96
with Duststorm	98
heavy, with hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/177)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 33 m
Sunset 17 h 45 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F C

DAILY WEATHER REPORT

Month FEBRUARY, 1945 ١٩٤٥ شهر فبراير

At 14 h on 16th ١٦ الساعة ١٤ يوم

Region	Station	Present weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. press M.S.L. 1000+ mbs (PPP)	Temp (TTT)	% Humidity (UU)
Mediterranean	SALUM										
	MATRUH	02	9	32	1	1	6	6	20.4	17.0	69
	DIKHEILA										
	ALEXANDRIA	01	9	00	0	1	3	6	20.0	18.5	65
	DAMIETTA	01	8	30	1	1	5	8	19.6	16.3	66
	PORT SAID	02	8	30	2	2	5	6	19.5	18.0	55
	EL ARISH										
Lower Egypt	DAMANHUR	01	7	28	3	1	5	8	20.6	19.8	52
	MANSURA	01	8	30	2	1	4	9	19.6	20.0	52
	TANTA	01	8	00	0	2	5	8	19.6	20.0	47
	ZAGAZIG	02	6	32	2	1	5	8	19.6	18.2	70
Middle Egypt	Cairo ALMAZA	01	8	04	2	1	3	8	20.4	17.8	62
	Cairo EZBEKIYA	01	8	02	1	1	4	8	19.9	18.4	57
	Cairo GIZA	01	7	04	1	1	4	8	19.8	18.2	48
	HELWAN	00	8	30	4	0	1	8	18.8	18.0	47
	SUEZ	00	8	30	1	0	0	—	19.2	18.7	55
Upper Egypt	FAIYUM	00	8	32	3	0	0	—	18.7	19.2	47
	MINYA	00	8	32	4	0	0	—	18.3	20.1	47
	ASYUT	00	8	28	1	0	0	—	17.2	21.8	30
	QENA	00	9	24	1	0	0	—	15.4	25.0	42
	LUXOR	00	7	10	2	0	0	—	16.0	27.0	31
	ASWAN	00	9	32	2	0	0	—	14.6	24.0	27
Western Desert	SIWA	00	8	00	0	0	0	—	20.3	21.5	48
	BAHARIYA	00	9	32	1	0	0	—	20.0	19.0	42
	KHARGA	00	9	30	3	0	0	—	16.7	22.6	25
	DAKHLA	00	8	28	3	0	0	—	18.0	21.2	44
Red Sea	TOR	00	7	04	3	0	0	—	16.2	20.3	33
	HURGHADA	00	9	02	4	0	0	—	16.4	21.5	44
	QUSEIR	00	8	32	3	0	0	—	16.3	21.2	55
	PORT SUDAN										
North Sudan	WADI HALFA	00	9	30	3	0	0	—	14	26	23
	KAREIMA	00	8	04	3	0	0	—	10	29	17
	ATBARA	18	6	02	4	0	0	—	8	30	09
	KHARTUM										
	KASSALA	00	7	02	4	0	0	—	6	34	14
Central Sudan	WAD MEDANI	01	8	02	5	0	4	1	5	33	13
	DUEIM										
	RENK	01	8	24	4	1	4	—	6?	34	29
	ROSEIRES	00	7	24	2	0	0	—	5	34	32
	EL OBEID	01	8	04	3	0	3	1	7	30	14
	EL FASHER										
	GENEINA										
	KADUGLI	01	8	30	3	1	5	1	6	36	08
S. Sudan	MALAKAL	01	8	32	3	1	5	2	3	36	18
	WAU	01	8	02	2	1	4	1	5	33	16
	JUBA	02	8	06	2	1	7	4,2	5?	35	18

At 8 h on SATURDAY, 17th ١٧ السبت الساعة ٨

Station	Present weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Max. Diff. from norm. °C	Minimum Today °C (mm)	Min. Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM																			130
MATRUH	02	8	24	1	1	6	6	20.2	+3.5	14.8	17	-1	10	+1	75	0	94	132	131
DIKHEILA																			150
ALEXANDRIA	02	9	28	3	2	5	6	20.7	+3.3	15.4	20	+1	14	+3	61	0	215	160	132
DAMIETTA	02	8	18	1	2	6	8	19.8	—	14.1	19	—	11	—	78	0	89	82	159
PORT SAID	02	8	28	2	2	5	6	19.2	+2.8	16.4	20	0	13	+2	62	0	70	57	134
EL ARISH	01	9	00	0	1	3	8	19.0	+1.7	16.3	20	+1	10	+2	65	0	195	63	135
DAMANHUR	02	6	32	2	2	6	4	20.6	+4.1	15.2	20	-1	11	+3	60	0	93	74	136
MANSURA	02	6	08	1	2	5	9	20.2	—	13.0	22	+1	12	+5	77	0	44	36	137
TANTA	02	7	00	0	2	5	8	20.6	+3.6	14.0	21	0	8	+1	78	0	44	29	138
ZAGAZIG	02	6	24	2	1	6	8	19.9	+2.6	13.2	20	-1	9	+2	89	0	40	19	139
Cairo ALMAZA	01	7	06	1	1	3	6			4.4	19	—	11	—	55	0	44	—	141
Cairo EZBEKIYA	09	5	00	0	4	0	—	21.0	+3.9	14.8	20	-1	10	+2	70	0	41	17	
Cairo GIZA	09	5	32	1	4	0	—	20.7	+2.6	12.7	19	-2	8	+2	83	0	41	17	
HELWAN	05	5	32	2	0	0	—	20.3	+2.4	13.0	19	-1	10	+1	65	0	50	18	143
SUEZ	01	8	00	0	0	5	8	20.7	+3.9	12.3	21	0	10	0	86	0	37	11	144
FAIYUM	00	6	02	1	0	0	—	20.8	+3.5	10.3	20	-2	8	+1	82	0	75	6	153
MINYA	00	7	28	2	0	0	—	19.9	+2.0	9.9	21	-1	8	+1	82	0	1		154
ASYUT	00	6	24	1	0	0	—	20.0	+1.3	10.5	23	+1	6	-1	81	0	14	4	155
QENA	00	7	22	3	0	0	—	18.6	+1.8	13.0	26	+1	8	0	75	0	20		156
LUXOR	00	7	08	2	0	0	—	18.2	—	12.0	28		5		36	0	tr.		157
ASWAN	00	9	32	2	0	0	—	17.8	+0.1	14.5	25	-1	11	0	40	0	0.1	—	158
SIWA	00	7	00	0	0	0	—	21.0	+2.0	7.8	23	+1	5	0	64	0	5	6	148
BAHARIYA	00	9	00	0	0	0	—	22.0	+3.9	12.0	20		7		76	0	7		149
KHARGA	00	8	00	0	0	0	—	19.5	+1.7	10.6	23	-2	7	0	75	0	4	—	151
DAKHLA	00	7	24	1	0	0	—	20.6	+2.0	10.2	22	-2	7	+1	72	0	tr.		152
TOR	00	7	02	2	0	0	—	17.8	+1.3	17.2	21	-1	9	-1	79	0	3 x	11	145
HURGHADA	00	9	26	3	0	0	—	18.3	+2.2	16.3	22	-1	10	0	50	0	8	—	146
QUSEIR	00	8	26	2	0	0	—	16.4	+0.7	16.8	22	-1	14	0	53	0	20	—	147
PORT SUDAN																0	81	92	169
WADI HALFA	00	9	30	1	0	0	—	17		12					44	0	0	—	165
KAREIMA	00	8	04	1	0	2	1	15		16					30	0	0	1	166
ATBARA	00	8	32	4	0	0	—	13		17					42	0	0	2	167
KHARTUM																0	tr.	4	168
KASSALA	01	8	02	2	0	4	2	10		24					44	0	9	8	170
WAD MEDANI	02	9	02	4	1	7	2	11		19					16	0	8	12	171
DUEIM																0	4	13	173
RENK	00	9	28	3	0	0	—	—		21					17	—	—	49	182
ROSEIRES	00	7	16	2	0	0	—	11		24					34	0	1	36	172
EL OBEID	01	8	32	2	0	3	2	13		17					37	0	6	16	174
EL FASHER	00	9	32	1	0	0	—	—		13					38	0	5	6	175
GENEINA	00	8	02	3	0	0	—	—		17					18	—	—	4	179
KADUGLI	01	8	24	2	0	4	1	11		25					19	—	—	90	187
MALAKAL	01	8	32	4	1	4	4,1	9		24					28	0	48	88	176
WAU	01	8	00	0	1	4	4,1	10		21					35	0	184	147	177
JUBA	01	8	00	0	1	4	4	10		24					34	0	149	153	178

UPPER WINDS ON 17th ١٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN 8 h 30 m	MINYA h m	ASYUT 7 h m	ASWAN 7 h m	WADI HALFA 7 h m	KAREIMA 7 h m	[illegible] 7 h m	KASSALA 7 h m	EL OBEID 7 h m	MALAKAL 7 h m	JUBA 7 h m
				02 01 20		02 33 15	02 36 15	10 03 30	10 04 40	10 03 30	10 04 25	10 03 40		10 31 05
				05 03 50		05 01 30	05 03 25	15 35 10	15 01 20	15 08 30	15 01 30	15 04 45	15 04 50	15 01 20
				08 02 25		10 36 20	10 03 10	20 32 25	20 34 30	20 04 20	20 25 10	20 03 40	20 06 30	20 02 20
				10 03 35		15 32 05	15 33 10	30 31 35	30 30 35	30 11 05	30 36 40	30 06 25	30 09 20	
				15 01 35		20 28 25	20 29 10	40 29 70	40 31 40	40 10 05		40 05 25		
				20 01 15		25 26 30	25 30 10	45 28 70	45 30 35			45 09 15		
				23 02 10		30 30 30			50 29 40			50 21 20		
				25 33 20					60 27 45					
				30 31 25										
				32 30 25										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 16th	Diff. from normal	Wet bulb temp. on 16th	Diff. from normal
Alexandria	58	-7	12.5	+1.0
Ezbekiya	77	+15	11.4	+0.6
Giza	84	+17	10.6	0.0
Helwan	74	+23	11.1	+1.5

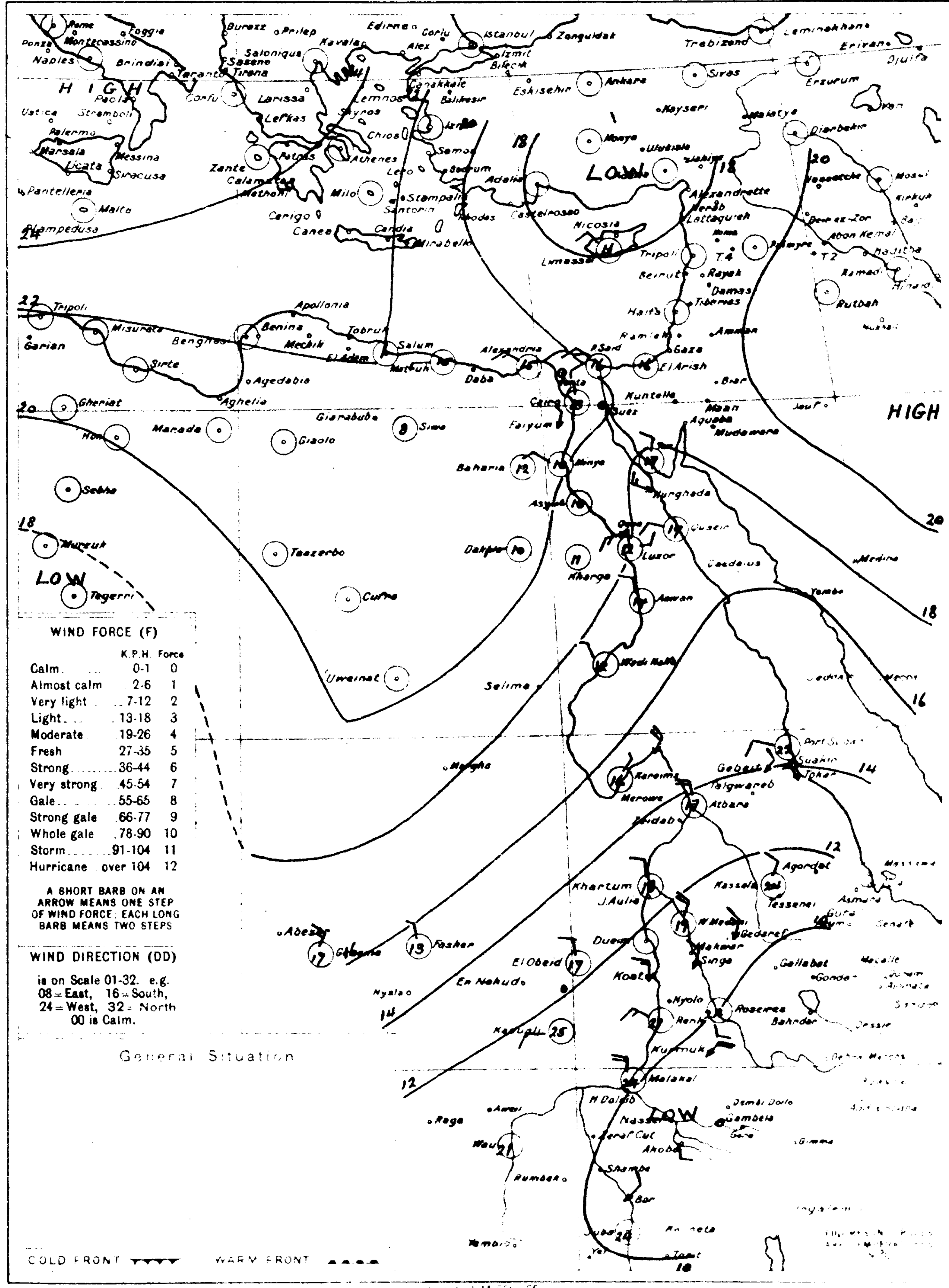
Giza Grass minimum 17th 4.9 °C

Discharges at Aswan measured by sill ... m.³ per sec.

DATE	1945	1944
17-2	984	984
16-2	984	984

Gauge	Date 1945	Reading m	Diff. from normal m	Previous day Reading m.	Previous day Diff. from normal m.
Juba	17-2	—	—	12.55	-0.75
Nasser		—	—	5.20	-0.06
Malakal		10.23	-0.25	10.24	-0.25
Roseires		11.67	+0.01	11.67	+0.01
Sennar Res		—	—	20.10	—
J. Aulia U S		—	—	376.69	—
J. Aulia D S		—	—	371.91	+0.58
Khartum		—	—	10.73	+0.34
Kh. el Girba					
Atbara		10.58	+0.31	10.69	+0.31
Kajnarti		—	—	131.45	-1.48
Aswan Res.		118.96	—	119.05	—
Aswan D S		85.32	-0.76	86.32	-0.79
Roda (Cairo)		16.31	+0.73	16.31	+0.72

١٩٤٥ - ٢ - ١٧ Isobars, Wind and Temperature at 8 h. 17 - 2 - 1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist, Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
with Hail	94, 96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visibility over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2-3 Tenths	3
4-5-6 Tenths	4
7-8 Tenths	5
9 Tenths	6
Overcast	7

At 8 h on 17th ١٧

Station	Present weather	Visibility	Wind Dir	Wind Force	Past weather	Cloud Amount	Cloud Form	Bar. pressure M.S.L.	Diff. from normal	Dry Bulb	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
W. Hamadi	00	8	00	0	0	0	—	18.6	—	11.8	25	—	6	—	75	0	16	—
Limassol	01	9	28	2	1	4	—	18.3	+2.5	11	—	—	—	—	—	0	555	350

SHIPS سفن

Water Temp. River Nile Cairo 15.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 32 m
Sunset 17 h 46 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY, 1945 ١٩٤٥ شهر فبراير

At 14 h. on 17th ١٧ الساعة ١٤ يوم — At 8 h. on SUNDAY 18th الأحد ١٨ الساعة ٨

STATION	14h 17th: Present weather ww	Visibility V	Wind DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press M.S.L. 1000+ mbs PPP	Temp TTT	Humidity UU	8h 18th: Present weather ww	Visibility V	Wind DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C	Max Yesterday °C	Max Diff. from norm °C	Min Today °C	Min Diff. from norm °C	Humidity	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM																													130
MATRUH	02	9	28	2	1	6	8	—	17.0	74	02	8	04	2	2	7	6	—	—	15.1	17	-1	13	+4	77	0	94	133	131
DIKHEILA																													150
ALEXANDRIA	02	9	28	1	2	6	6	20.2	18.2	52	02	8	28	2	2	5	4	21.4	+4.1	15.3	19	0	14	+3	59	0	215	161	132
DAMIETTA	01	8	30	3	1	4	8	19.1	17.2	58	01	8	28	3	1	4	8	20.0	—	15.7	19		10		60	0	89	83	159
PORT SAID	02	8	28	2	2	5	6	19.0	18.8	46	00	8	28	3	0	3	8	19.2	+2.9	15.6	21	+1	14	+2	67	0	70	58	134
[illegible]	01	9	30	1	1	3	8	19.0	18.2	40	01	9	20	1	1	3	8	19.1	+1.8	15.0	20	+1	7	-1	73	0	195	64	135
[illegible]	01	7	28	3	1	4	8	19.5	18.2	52	00	6	32	2	0	0	—	20.6	+4.1	12.0	19	-2	9	+1	80	0	93	75	136
[illegible]	01	8	28	2	1	4	9	19.5	20.0	43	00	8	32	1	0	0	—	20.4	—	12.0	21	0	9	+2	76	0	44	36	137
[illegible]	01	8	00	0	1	4	8	19.6	20.1	45	00	8	00	0	0	0	—	20.8	+3.8	10.6	21	0	7	0	93	0	44	29	138
[illegible]	01	6	24	2	1	4	8	19.5	20.4	—	00	6	28	2	0	0	—	21.0	+3.7	11.8	21	0	9	+2	96	0	40	19	139
[illegible]	01	7	28	1	1	4	8	20.0	18.7	48	00	7	00	0	1	3	6	21.2		13.8	20		9		79	0	44		141
[illegible]	01	8	28	1	1	5	8	19.4	19.6	50	09	5	00	0	0	0	—	21.6	+4.4	13.3	21	0	10	+2	86	0	41	17	
[illegible]	01	8	28	2	1	5	8	19.5	19.3	47	09	5	00	0	0	0	—	21.2	+3.2	10.5	20	-1	5	-1	95	0	41	17	
[illegible]	00	7	30	4	0	1	8	18.8	18.1	44	09	5	00	0	2	5	8	21.4	+3.6	11.9	19	-1	9	0	83	0	50	18	143
[illegible]	00	8	02	3	0	0	—	19.0	19.4	51	00	8	02	1	0	0	—	21.1	+4.8	13.8	21	0	10	0	77	0	37	11	144
[illegible]	00	8	28	3	0	0	—	19.1	19.2	42	00	8	30	1	0	0	—	21.9	+4.7	9.8	20	-2	7	0	84	0	75	6	153
MINYA	00	8	26	3	0	0	—	17.5	20.2	42	00	7	24	2	4	0	—	21.9	+4.1	9.5	21	-1	7	0	79	0	1		154
ASYUT	00	7	28	1	0	0	—	17.6	21.5	30	00	6	22	1	0	0	—	21.6	+3.0	10.0	23	0	6	-1	86	0	14	[illegible]	155
QENA	00	9	24	1	0	0	—	15.2	25.0	32	00	7	26	3	0	0	—	19.4	+2.7	12.3	27	+2	8	0	73	0	20		156
[illegible]																													157
ASWAN	00	9	32	2	0	0	—	14.2	24.5	32	00	9	32	2	0	0	—	18.8	+1.1	14.2	26	0	11	0	45	0	tr.	—	158
SIWA	00	8	00	0	0	0	—	21.8	21.5	46	00	7	08	2	0	0	—	23.6	+4.7	9.5	22	0	6	0	61	0	5	6	148
BAHARIA	00	9	00	0	0	0	—	19.4	19.2	45	00	9	00	0	0	0	—	23.5	+5.5	10.5	21		7		81	0	7		149
[illegible]	00	9	04	3	0	0	—	16.8	22.1	23	00	8	32	2	0	0	—	21.4	+3.7	13.8	23	-2	11	+4	59	0	4	—	151
[illegible]	00	8	32	2	0	0	—	18.4	21.0	45	00	7	12	1	0	0	—	22.2	+3.7	12.6	22	-2	10	+4	71	0	tr.		152
TOR																												11	145
HURGHADA	00	9	02	5	0	0	—	16.3	21.4	47																		—	146
QOSEIR	00	8	32	2	0	0	—	15.5	21.0	68	00	8	30	3	0	0	—	17.0	+1.3	18.2	22	-1	16	+2	50	0	20	—	147
PORT SUDAN																										0	81	92	169
WADI HALFA	00	9	30	4	0	0	—	14	26	17	00	9	30	3	0	1	1	19		13					41	0	0		165
KAREIMA	00	8	04	3	0	3	1	11	30	13	00	8	04	2	0	0	—	15		16					34	0	0	1	166
ATBARA	01	7	02	4	0	4	4,1	9	32	15	00	7	02	3	0	0	—	14		17					28	0	0	2	167
KHASHM EL GIRBA																										0	tr.	4	168
KASSALA	02	8	02	4	1	5	2	5	34	19	01	8	04	2	1	4	2	9		26					48	0	9	8	170
WAD MEDANI	01	8	02	4	1	4	3	5	36	06	00	8	04	4	0	2	1	11		22					31	0	8	12	171
DUEIM																										0	4	13	175
RENK	00	9	28	3	0	0	—	5	36	10	00	9	28	2	0	0	—	8		25					54	—	—	49	152
ROSEIRES	00	7	20	2	0	0	—	6	33	34																0	1	36	172
EL OBEID	01	9	04	4	1	3	1	7	32	06	00	9	32	2	0	3	1	12		19					12	0	6	16	174
EL FASHER	00	9	04	2	0	3	2	—	31	19	00	9	00	0	0	0	—	—		14					32	0	5	6	175
GENEINA	00	9	04	2	0	2	1	—	34	05	00	8	02	4	0	3	1	—		19					19	—	—	4	179
KADUGLI											02	8	04	3	1	5	1	10		26					16	—	—	90	167
MALAKAL	01	8	02	4	1	5	4	4	37	17	00	6	32	5	0	0	—	9		26					32	0	48	88	176
WAU	02	8	04	2	1	6	8,4	5	37	10	01	8	00	0	1	3	1	10		22					44	0	184	147	177
JUBA	01	8	02	3	1	4	2	5	37	17	00	8	02	1	0	0	—	10		26					48	0	149	154	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 18th ١٨

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 7 h.	GENEINA 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA 7 h.
				02 31 05		02 36 25	02 36 20	10 36 30	10 05 45	10 04 40	10 03 37	10 03 55	10 04 70	10 10 20
				05 34 20		05 36 40	05 01 30	15 30 —	15 04 30	15 11 15	15 35 20	15 05 40	15 04 70	15 13 25
				08 35 25		10 33 40	10 33 10	20 35 35	18 04 25	20 18 05	20 31 15	20 06 30	20 03 40	20 12 35
				10 36 25		15 32 35	15 32 15	30 28 35		30 07 05	30 11 15	30 06 25	24 03 30	27 08 30
				14 34 35		20 29 35	20 29 10	40 27 55		40 16 10	33 13 20	40 09 20		
						25 27 40	25 30 30							
							30 28 55							

Forecast for 24 hours from noon on

حررت هذه النشرة في الساعة ١٢ ظهرا

Mean of day

STATION	Humidity % on 17th	Diff. from normal	Wet bulb temp °C on 17th	Diff. from normal
Alexandria	59	-6	12.4	+0.8
Ezbekiya	63	+1	13.0	+2.2
Giza	73	+6	11.9	+1.3
Helwan	57	+6	11.0	+1.3

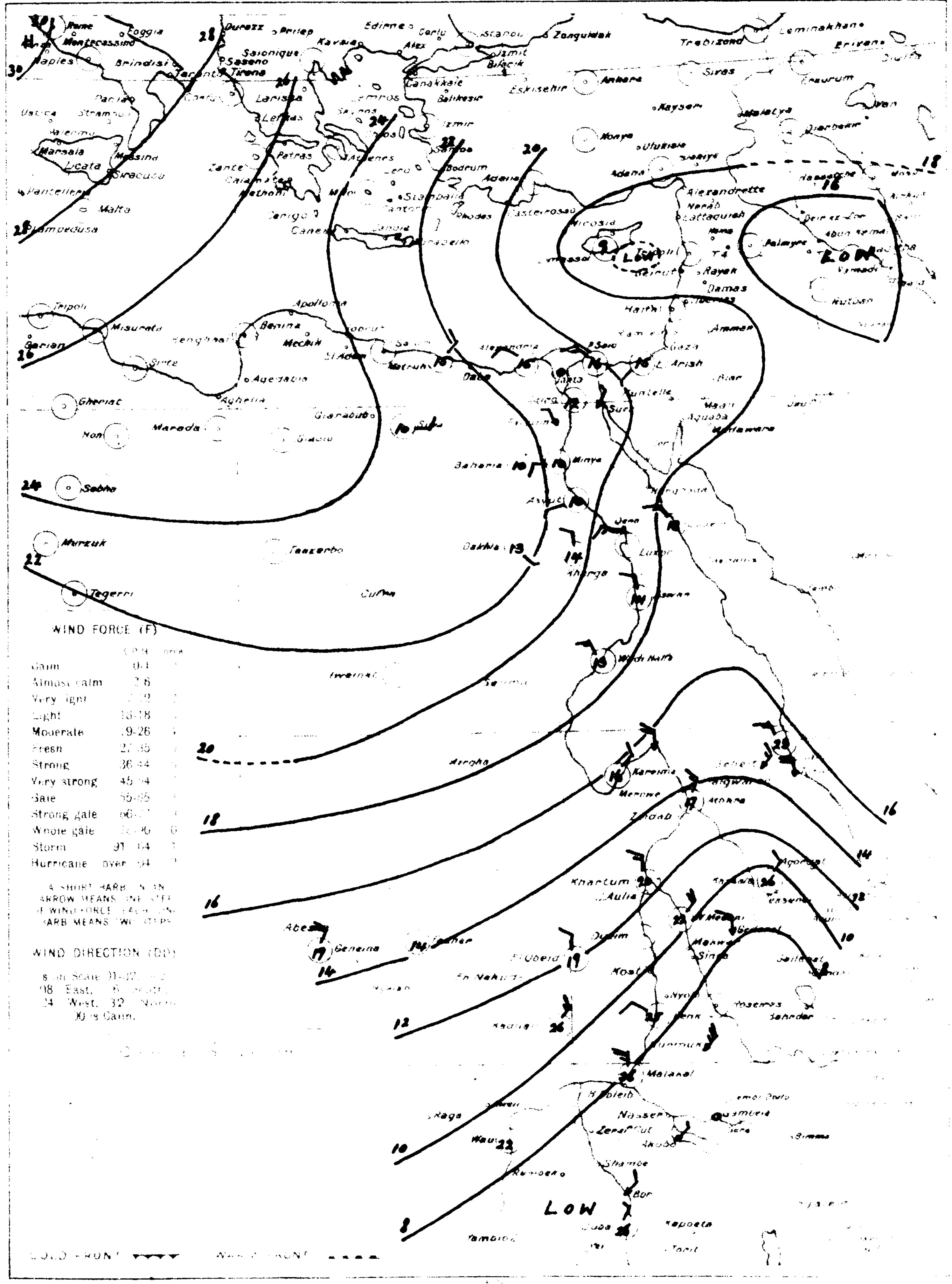
Giza Grass minimum 18th 2.7

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
18-2	984	984
17-2	984	984

GAUGE	Date 1945	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
Juba	18-2	—	—	12.55	-0.76
Nasser		—	—	5.20	-0.05
Malakal		10.20	-0.26	10.73	-0.25
Hillet Doleib		11.69	+0.03	11.67	+0.01
Sennar Res.		—	—	20.06	—
J. Aulia U.S.		—	—	376.66	—
J. Aulia D.S.		—	—	371.89	+0.57
Khartoum		—	—	10.73	+0.35
Khashm el Girba					
Atbara		10.59	+0.33	10.58	+0.31
Kajnarti		—	—	131.66	-1.23
Aswan Res.		118.89	—	118.96	—
Aswan D.S.		85.36	-0.70	85.32	-0.76
Roda (Cairo)		16.31	+0.74	16.31	+0.73

١٩٤٥-٢-١٨ Isobars, Wind and Temperature at 8 h. 18-2-'1945



PRESENT WEATHER

Clear
Partly cloudy
Cloudy
Overcast

STATION	Present weather	Visibility	Wind DD	Wind F	Past weather	Cloud N	Cloud C	Bar pressure M.S.L.	Diff.	Dry bulb	Max	Diff.	Min	Diff.	Humidity	Rain 24h	Total	Normal
N. Hamadi	00	8	26	1	0	0	—	19.6	—	10.7	23	—	7	—	79	0	16	—
Limassol	02	8	00	0	2	7	—	16.3	+0.7	9	—	—	—	—	—	0	555	352

SHIPS

Water Temp.
River Nile Cairo
16.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME (LONG. 30°E) AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/277)

CAIRO

Time of Sunrise 6 h 51 m
Sunset 17 h 46 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month **FEBRUARY** 1945 — ١٩٤٥ شهر فبراير

At 14 h on 18th — ١٨ الساعة ١٤ يوم — At 8 h on **MONDAY 19th** — الاثنين ١٩

Station	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	8h ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs	Diff. from normal	Dry Bulb °C	Max. Yesterday	Diff.	Min. Today	Diff.	Hum.	Rainfall	Since 1st	Normal	Station No.
Salum																													130
Matruh	02	8	32	2	2	6	9	—	14.9	69	00	9	20	2	0	0	—	20.8	+4.1	12.1	17	-1	5	-4	75	0	94	134	131
[illegible]																													150
Alexandria	02	9	28	5	2	6	6	21.1	15.8	55	01	9	00	0	2	4	8	21.8	+4.6	14.0	17	-2	12	+1	57	0	215	162	132
Dam[illegible]	01	8	28	4	1	3	8	19.2	16.5	57	01	8	20	2	1	4	6	20.8	—	14.9	17		10		75	0	89	84	159
[illegible]	02	8	26	4	2	5	4	19.0	18.9	41	01	8	26	3	1	4	8	20.6	+4.4	13.6	20	0	11	-1	79	0	70	58	134
[illegible]	01	9	30	1	1	3	8	18.8	18.2	39	01	9	30	1	1	3	8	20.3	+3.0	14.0	19	0	9	+1	57	0	195	65	135
[illegible]	01	6	28	4	1	4	8	20.8	17.0	52	01	6	20	3	1	4	8	20.8	+4.3	10.0	18	-3	7	-1	76	0	93	75	136
Man[illegible]	02	7	30	2	2	5	9	19.9	17.2	56	00	8	12	1	0	0	—	21.4	—	9.2	19	-2	5	-2	78	0	44	37	137
[illegible]	02	8	20	2	2	5	8	21.5	18.7	48	00	8	00	0	0	0	—	22.2	+5.2	9.5	19	-2	5	-2	88	0	44	29	138
[illegible]	02	7	28	2	1	6	9	19.8	17.8	68	00	6	22	2	0	0	—	21.4	+4.2	10.2	20	-1	6	-1	82	0	40	19	139
[illegible]	01	7	28	3	1	4	8	20.8	17.9	46	00	7	19	1	0	0	—	22.6	—	12.2	18		8		64	0	44		141
[illegible]	02	7	32	3	1	5	8	20.0	18.8	46	09	5	14	2	0	0	—	22.3	+5.3	10.5	20	-2	8	-1	75	0	41	17	
[illegible]	02	7	32	3	1	5	8	20.2	19.1	43	09	5	12	1	0	0	—	22.2	+4.3	12.0	20	-1	5	-1	82	0	41	17	
Helwan	02	8	28	5	1	5	8	19.6	18.0	36	05	6	00	0	0	0	—	22.6	+4.9	10.0	18	-2	8	-1	68	0	50	18	143
[illegible]	01	9	26	2	1	5	8	19.6	19.2	43	00	8	08	1	0	0	—	22.0	+6.5	12.7	22	+1	10	0	92	0	37	11	144
[illegible]	01	8	32	3	1	4	8	19.9	18.8	46	00	7	00	0	0	0	—	22.8	+6.6	10.3	19	-3	9	+2	74	0	75	6	153
M[illegible]	02	8	02	3	2	5	8	18.7	20.4	41	00	8	24	1	1	1	8	23.0	+5.2	11.2	20	-2	7	0	71	0	1		154
As[illegible]	00	7	30	2	0	0	—	19.1	19.9	37	00	6	22	1	0	0	—	21.9	+3.4	10.9	21	-2	6	-1	70	0	14	4	155
Qena	00	9	22	3	0	0	—	15.8	24.7	35	00	7	28	2	0	0	—	21.1	+4.6	12.0	26	0	8	0	66	0	20		156
[illegible]	00	7	30	2	0	0	—	17.1	20.0	28																			157
Aswan											00	9	32	2	0	0	—	20.4	+2.8	14.0	26	0	10	-2	50	0	dy.	—	158
Siwa	00	8	28	2	0	0	—	21.2	20.8	62	00	7	00	0	0	0	—	22.3	+3.4	9.5	22	0	6	+1	67	0	5	6	148
Bahar[illegible]	00	9	32	1	0	0	—	21.2	21.0	41	00	9	00	0	0	0	—	22.3	+4.4	10.5	22		5		61	0	7		149
Kharga	00	9	30	3	0	0	—	18.6	21.0	28	00	8	32	1	0	0	—	21.4	+3.7	12.4	21	-4	7	0	60	0	4	—	151
Dakh[illegible]	00	8	28	4	0	0	—	20.6	20.4	54	00	7	24	1	0	0	—	21.4	+2.9	9.7	22	-2	7	+1	63	0	tr.		152
Tor																												11	145
Hurghada											00	9	30	5	0	0	—	20.7	+4.8	15.7	23	0	11	+1	47	0	8	—	146
Quseir	00	8	32	2	0	0	—	15.8	20.0	67	00	8	30	3	0	0	—	19.1	+3.4	16.4	22	-2	15	0	47	0	20	—	147
Port Sudan																										0	81	92	169
Wadi Halfa	00	9	30	4	0	0	—	15	26	16	00	9	28	2	0	0	—	20		13					47	0	0		165
Karima	00	8	04	4	0	2	2	11	31	9	00	8	06	4	0	0	—	15		18					29	0	0	1	166
Atbara	00	7	04	4	0	0	—	8	33	20	18	5	32	5	0	0	—	12		19					40	0	0	2	167
Khartum																										0	tr.	4	168
Kassala	00	8	30	4	0	0	—	4	37	18	00	8	02	3	0	0	—	9		24					30	0	9	8	170
Wad Medani	00	8	04	4	0	0	—	4	38	6	00	8	02	5	0	0	—	11		22					31	0	8	12	171
Dueim																										0	4	13	173
Renk	00	9	28	3	0	0	—	4?	37	10	00	8	30	1	0	0	—	9		22					25	—	—	49	182
Roseires	00	7	16	2	0	0	—	5	34	—	00	8	20	2	0	0	—	8		23					—	0	1	36	172
El Obeid	00	9	02	4	0	0	—	7	32	7	00	9	30	3	1	2	4,1	12		19					19	0	6	16	174
El Fasher	01	9	04	3	1	5	1	—	33	13	01	9	04	2	0	3	4,1	—		14					32	0	5	6	175
Geneina	01	9	04	3	1	4	1	—	35	7	00	8	04	4	0	3	1	—		18					17	—	—	4	179
Kadugli	02	8	04	4	1	5	1	7	36	6	00	8	04	3	0	3	1	10		26					30	—	—	90	187
Malakal	01	8	02	3	1	4	4	4	37	20	00	8	32	4	1	1	1	8		26					32	0	48	88	176
Wau	00	8	02	3	0	2	4	5	37	10	00	8	00	0	0	1	4	9		21					47	0	184	148	177
Juba	01	8	06	3	0	4	8	4	34	22	00	9	00	0	0	0	—	8		27					33	0	149	154	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour

UPPER WINDS ON 19th

Helwan 8 h 45 m	Asyut 7 h	Aswan 7 h	Wadi Halfa 7 h	Geneina 7 h	Kassala 7 h	El Obeid 7 h	Juba 7 h
02 33 05	02 01 10	02 02 15	10 03 35	10 06 35	10 06 20	10 02 50	10 36 15
05 35 20	05 03 30	05 02 35	15 36 30	20 08 45	15 07 40	15 04 70	15 01 15
08 35 25	10 34 35	10 02 70	20 28 25	30 06 25	20 31 20	20 06 50	20 02 20
10 35 30	15 34 50	15 01 40	30 29 55?	40 29 15	30 27 15	30 05 35	30 06 55
15 32 30	20 33 40	20 32 35		60 23 10	33 29 15	35 07 20	40 04 75
20 31 50	25 33 45	25 30 35					45 05 70
23 31 50		30 28 —					50 06 55
24 31 60							55 06 50

Forecast for 24 hours from noon on

محطة ... الطقس ... ٢٤ ساعة ... ظهر يوم

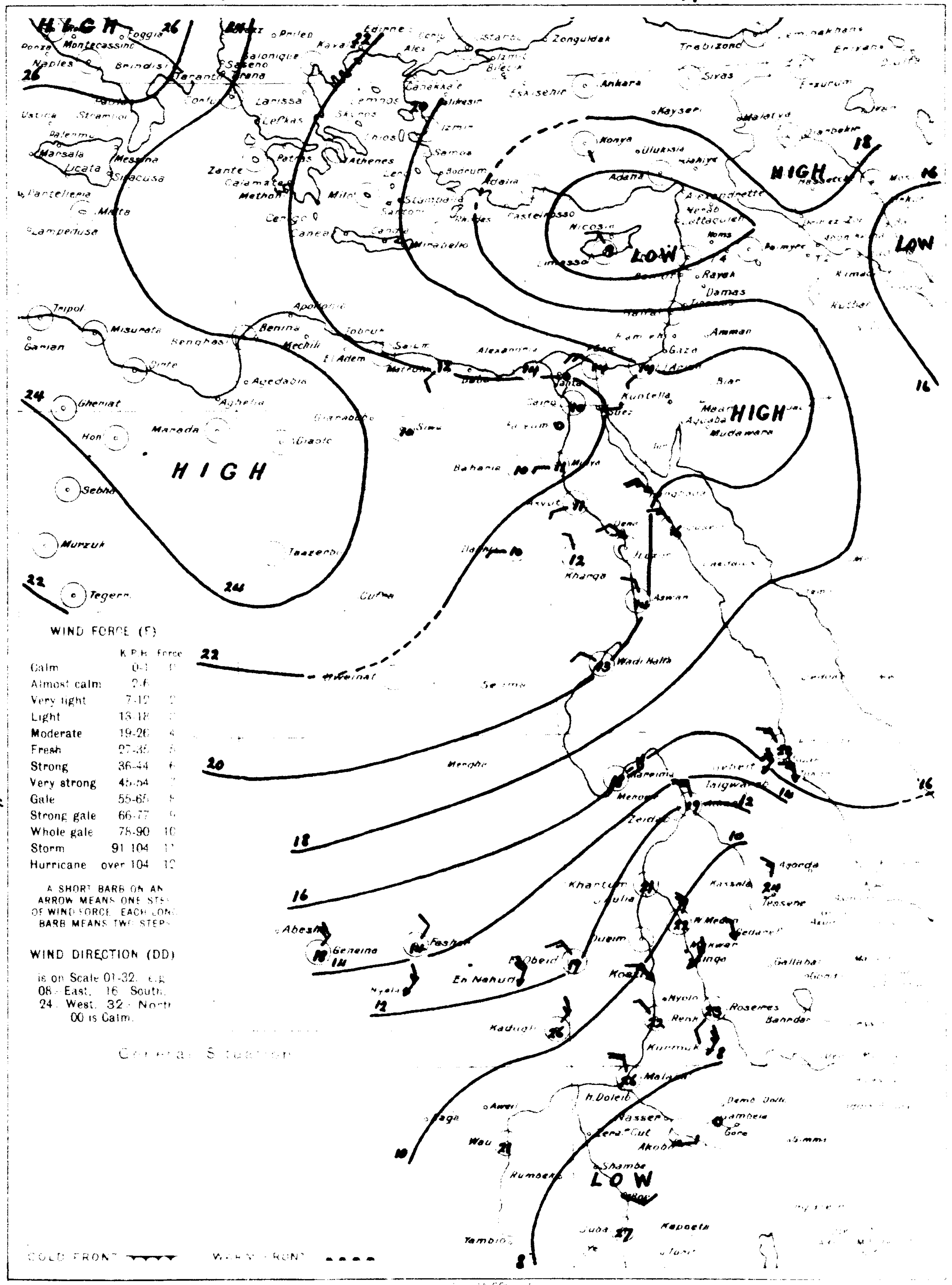
Station	Mean Humidity 18th	Diff. from normal	Wet Bulb Temp. 18th	Diff. from normal
Alexandria	64	-11	10.9	-0.7
Ezbekiya	70	+8	11.8	+0.9
Giza	79	+12	10.9	+0.2
Helwan	70	+20	10.4	+0.7
Giza Grass	19th 1.5			

Discharge at Aswan

Date	1945	1944
19-2	984	984
18-2	984	984

Gauge	Date 1945	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Juba		—	—	—	—
Nasser		—	—	5.24	0.00
Malakal		10.19	-0.25	10.20	-0.26
Roseires		11.70	+0.05	11.69	+0.03
Sennar Res.	19	—	—	20.00	—
J. Aulia U.S.		—	—	376.64	—
J. Aulia D.S.		—	—	371.87	+0.56
Khartum		—	—	10.73	+0.36
Khashm el Girba					
Atbara		10.59	+0.30	10.59	+0.33
Kajnart		—	—	131.86	-1.01
Aswan Res.		118.77	—	118.87	—
Aswan D.S.		85.37	-0.67	85.36	-0.70
Roda (Cairo)		16.39	+0.72	16.31	+0.71

١٩-٢-٤٥ Isobars, Wind and Temperature at 8 h 19-2-45



At 8 h on 19th

Station	ww	V	DD	F	W	N	C	M.S.L.	Diff.	Dry Bulb	Max.	Diff.	Min.	Diff.	Hum.	Rain	Since 1st	Normal
Maghamadi	00	8	00	0	0	0	—	20.6	—	11.7		—	6	—	68	0	16	—
Limassol	01	8	30	2	6	3	—	16.0	+0.4	9	—	—	—	—	—	1	566	355

SHIPS

WATER TEMP.

RIVER NILE CAIRO

16.9 °C.

HOURS ARE EGYPTIAN STANDARD TIME (LONG. 30°) AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER

CLOUD FORM: Cirrus, Cirro-stratus, Cirro-cumulus, Alto-cumulus, Alto-stratus, Strato-cumulus, Nimbo-stratus, Cumulus, Cumulo-nimbus, Stratus

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/277)

ANNUAL SUBSCRIPTION ... INLAND POST ... ABROAD ...

CAIRO
Time of Sunrise 06 h 32 m
Sunset 17 h 47 m

Month FEBRUARY, 1945 ١٩٤٥ شهر فبراير

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	At 14 h. on 19th: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	At 8 h. on TUESDAY 20th: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	02	9	28	2	1	5	6	—	15.9	70	00	9	20	1	0	2	8	17.5	+0.8	14.1	18	0	8	-1	78	0	94	135	131
DIKHEILA																													150
ALEXANDRIA	01	9	00	0	2	4	8	20.2	16.7	48	01	9	00	0	2	4	4	18.2	+1.1	13.8	18	-1	11	0	59	0	215	163	132
DAMIETTA	01	8	30	2	1	4	6	19.9	15.5	60	01	8	14	1	1	4	4	19.0	—	12.9	17		8		74	0	89	85	159
PORT SAID	01	8	30	2	1	4	6	20.3	15.7	56	00	8	18	2	0	3	1	18.8	+2.6	13.2	19	-1	10	-2	60	0	70	59	134
EL ARISH	01	9	30	1	1	3	8	—	16.2	47	01	9	00	0	1	3	8	17.4	+0.1	16.2	21?	+2	9	+1	50	0	195	65	135
LOWER EGYPT																													
DAMANHUR	01	7	28	3	1	4	8	19.6	19.0	45	01	6	12	3	1	3	8	18.3	+1.8	11.0	20	-1	9	+1	68	0	93	76	136
MANSURA	01	8	20	2	1	4	8	19.9	18.2	48	01	7	12	1	1	3	9	19.0	—	11.5	21	0	6	-1	70	0	44	37	137
TANTA	01	8	00	0	1	4	8	19.9	19.0	46	00	8	16	2	0	0	—	19.1	+2.2	11.0	20	-1	4	-3	63	0	44	30	138
ZAGAZIG	02	7	22	2	1	5	8	21.8	18.2	65	00	6	12	2	0	0	—	19.0	+1.8	11.4	20	-1	6	-1	76	0	40	19	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	00	0	1	4	8	21.1	16.3	49	00	7	14	2	0	1	1	19.6	—	15.2	20	—	12	—	40	0	44		141
CAIRO EZBEKIYA	01	8	00	0	0	3	8	20.2	18.7	47	05	6	16	1	0	2	4	18.6	+1.6	12.6	20	-2	9	0	56	0	41	17	—
CAIRO GIZA	01	8	00	0	1	3	8	19.9	19.9	38	00	6	12	2	0	0	—	18.8	+1.0	12.7	21	0	6	0	69	0	41	18	—
HELWAN	00	7	00	0	0	3	8	20.0	16.7	37	00	7	08	2	0	0	—	19.0	+1.4	13.7	18	-3	9	0	40	0	50	18	143
SUEZ	00	8	04	2	0	0	—	20.7	17.6	47	00	8	10	1	0	0	—	19.4	+2.8	14.2	21	0	9	-1	68	0	37	12	144
UPPER EGYPT																													
FAIYUM	01	8	30	2	1	3	8	20.6	17.7	41	01	7	00	0	1	3	6	19.4	+2.3	10.0	20	-2	7	0	58	0	75	6	153
MINYA	00	9	28	3	1	0	—	20.0	20.7	31	00	8	28	1	0	0	—	18.6	+0.9	15.7	21	-1	8	+1	40	0	1		154
ASYUT	00	8	28	1	0	0	—	19.1	19.1	31	00	6	12	1	0	0	—	19.2	+0.8	14.0	22	-1	9	+2	50	0	14	4	155
QENA	00	9	28	2	0	0	—	18.3	22.3	28	05	7	24	2	1	4	3	18.2	+1.7	13.0	25	-1	9	+1	59	0	20		156
LUXOR	00	7	30	2	0	0	—	18.0	23.3	29	02	7	10	2	2	5	—	19.0	—	15.0	25		8		49	0	tr.		157
ASWAN											00	9	32	2	0	0	—	17.6	+0.1	14.5	24	-2	12	0	39	0	dy.	—	158
WESTERN EGYPT																													
SIWA	00	8	00	0	0	0	—	20.3	21.5	62	00	8	00	0	0	0	—	18.0	-0.8	7.5	22	0	5	-1	69	0	5	6	148
BAHARIYA	01	9	00	0	1	4	—	20.0	18.0	44	00	9	00	0	0	0	—	19.4	+1.5	12.0	19		6		65	0	7		149
KHARGA	00	9	04	3	0	0	—	18.4	20.4	33	00	8	30	1	0	3	1	18.4	+0.8	12.4	21	-4	—	—	46	0	4	—	151
DAKHLA	00	8	28	2	0	0	—	19.0	21.0	48	00	7	12	1	0	0	—	19.0	+0.6	12.0	22	-3	7	0	55	0	tr.		152
RED SEA																													
TOR																												11	145
HURGHADA	00	9	30	5	0	0	—	18.2	20.0	58																		—	146
QUSEIR	00	8	32	3	0	0	—	18.0	19.7	61	00	8	30	3	0	0	—	—	—	16.8	20	-4	15	0	41	0	20	—	147
PORT SUDAN																										0	81	92	169
NORTH SUDAN																													
WADI HALFA	00	8	30	4	0	0	—	15	24	17	00	9	30	2	0	0	—	17		13					38	0	0		165
KAREIMA	14	7	04	5	0	3	1	10	31	09																0	0	1	166
ATBARA	18	6	06	4	0	0	—	7	33	08	00	7	02	4	0	0	—	12		19					49	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	18	6	32	5	0	0	—	3	34	22	00	8	32	4	0	0	—	6		23					61	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	02	5	0	0	—	4	37	10	00	8	02	4	0	0	—	9		21					41	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	32	3	0	0	—	3	39	10																—	—	49	182
ROSEIRES	00	7	16	2	0	0	—	3	35	39	00	7	32	2	0	0	—	8		23					69	0	1	36	172
EL OBEID	00	9	02	4	0	0	—	5	32	13	00	8	30	3	0	0	—	11		19					28	0	6	16	174
EL FASHER											05	6	32	1	1	3	4,5	—		14					32	0	5	6	175
GENEINA	00	8	04	4	0	3	1	—	32	04	00	7	02	4	0	1	1	—		18					13	—	—	4	179
KADUGLI	01	8	02	4	1	4	1	4	47	07	01	8	04	3	0	4	1	9		27					20	—	—	90	187
S. SUDAN																													
MALAKAL	01	8	02	5	0	3	4	2	39	01	00	8	32	5	1	2	8,4	7		25					19	0	48	88	176
WAU	00	8	04	3	0	0	—	4	38	04																0	184	148	177
JUBA	01	8	08	2	1	4	8	3	38	18	00	8	10	1	1	1	4	9		27					42	0	149	155	178

UPPER WINDS ON 20th الرياح العليا يوم ٢٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN 8 h 45 m	CAIRO 9 h 15 m	ASYUT 7 h m	ASWAN 7 h m	WADI HALFA 7 h m	KAREIMA h m	FASHER 7 h m	KASSALA 7 h m	EL OBEID 7 h m	MALAKAL 7 h m	JUBA 7 h m
				02 13 10	02 16 20	02 09 05	02 01 10	10 03 40		10 36 20	10 09 20	10 02 25	10 02 70	10 34 25
				05 11 15	05 16 15	05 04 25	05 02 20	15 08 15		15 06 55	15 13 20	15 01 50	15 04 65	15 11 10
				08 13 05	10 16 10	10 36 25	10 02 20	30 27 40		20 09 20	20 07 15	20 02 40	20 07 30	
				10 14 05	15 30 10	15 36 30	15 02 02			30 10 25	30 35 10	30 02 10		
				15 33 10	20 29 25	20 29 10	20 24 15							
				20 31 20	25 25 20	30 27 30	25 27 30							
				23 27 15	30 27 20	35 26 50								
				25 27 20	35 27 30	40 29 70								
				30 28 35	40 26 45									
				40 24 45	45 27 55									

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 19th	Humidity Diff. from norma	Wet Bulb Temp °C on 19th	Wet Bulb Diff. from norma
Alexandria	54	-11	10.8	-0.8
Ezbekiya	66	+4	10.5	-0.4
Giza	73	+6	11.0	+0.2
Helwan	51	+1	8.9	-0.9

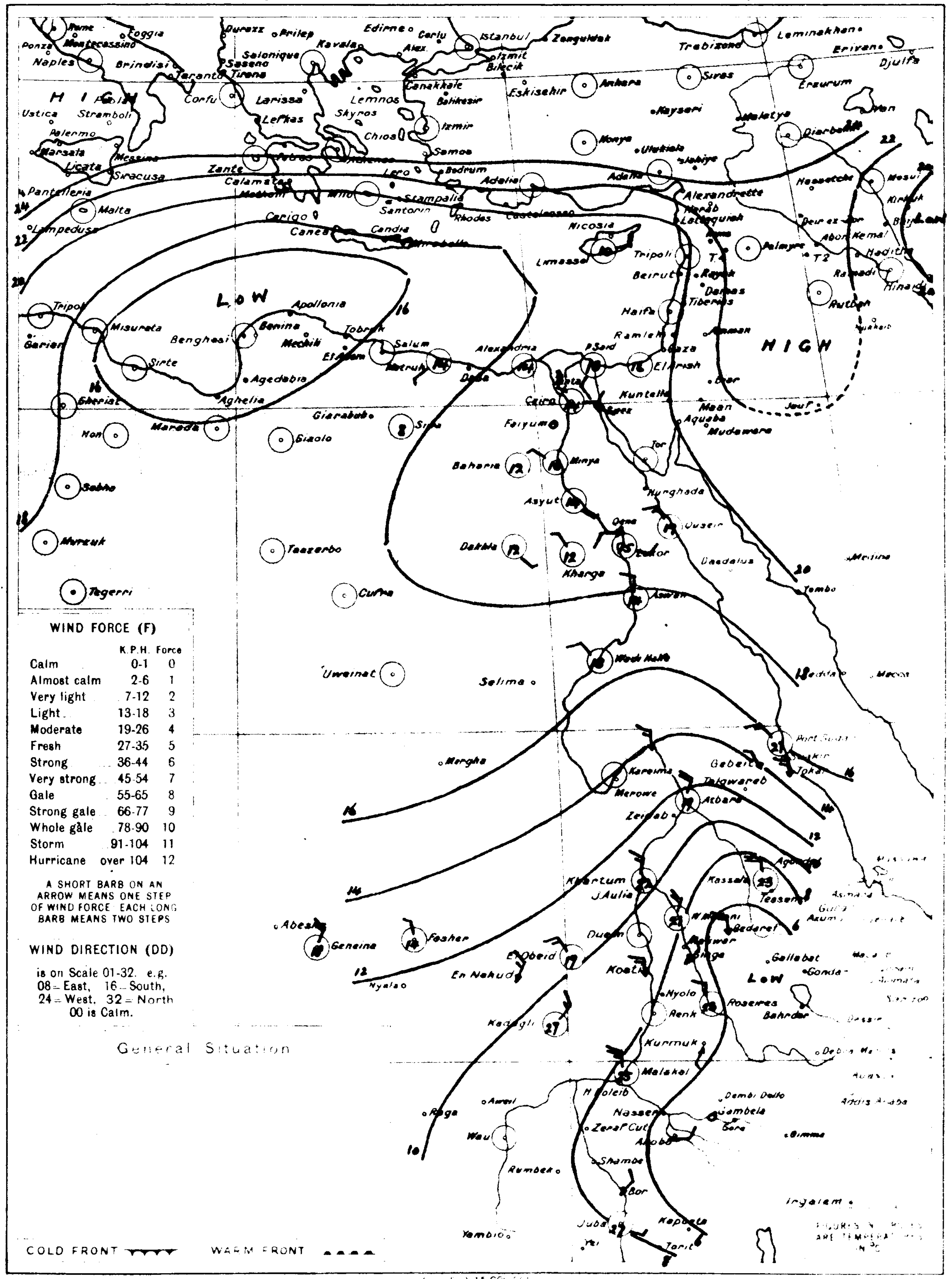
Giza Grass minimum on 20th 2.6 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
20-2	984	984
19-2	984	984

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba		—	—	12.55	-0.75
Nasser		—	—	—	—
Malakal		—	—	10.19	-0.25
Roseires		11.71	+0.07	11.70	+0.05
Sennar Res.	19	—	—	19.94	—
J. Aulia U.S		—	—	376.54	—
J. Aulia D.S		—	—	371.39	+0.60
Khartum	20	—	—	10.71	+0.35
Kh. el Girba					
Atbara		10.59	+0.35	10.59	+0.34
Kajnarti		—	—	132.08	-0.76
Aswan Res.		118.70	—	118.77	—
Aswan D.S.		85.37	-0.65	85.37	-0.67
Roda (Cairo)		—	—	16.29	+0.72

١٩٤٥-٢-٢٠ Isobars, Wind and Temperature at 8 h. 20-2-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000

STATION محطة	At 8 h. on 20th: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temperature Dry Bulb °C	Maximum Yesterday	Maximum Diff. from norm.	Minimum Today	Minimum Diff. from norm.	Humidity	Rainfall Past 24 hrs	Rainfall Total from Oct 1	Rainfall Normal from Oct 1
N. Hamadi	01	8	00	0	1	4	4	18.6	—	11.9	22	—	8	—	66	0	16	—
Limassol	02	7	06	2	1	7	—	18.7	+3.2	10	—	—	—	—	—	0	556	358

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 15.9 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist, Fog in last hour	41
Thick [illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	[illegible]
of Sleet	[illegible]
of Hail	[illegible]
Thunderstorm	90-99
[illegible]	[illegible]
with Hail	[illegible]
with Duststorm	98
heavy, with [illegible]	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog or thick haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 29 m
Sunset 17 h 48 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month *FEBRUARY* 1945 ١٩٤٥ شهر فبراير

At 14 h. on 20th ٢٠ الساعة ١٤ يوم — At 8 h. on WEDNESDAY 21st الساعة ٨ يوم الأربعاء ٢١

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALUM																													130
	MATRUH	00	9	24	1	0	1	8	—	20.5	69	02	8	20	4	1	5	9	11.5	-5.2	13.9	21	+3	11	+2	86	0	94	135	131
	DIKHEILA																													150
	ALEXANDRIA	01	9	24	2	2	4	4	15.5	20.8	28	01	9	16	4	2	4	4	11.8	-5.3	13.0	22	+3	11	0	45	0	215	164	132
	DAMIETTA	01	8	12	3	1	4	8	16.3	19.6	49	00	8	14	2	0	0	—	12.7	—	15.0	20		10		59	0	89	85	159
	PORT SAID	01	8	04	2	1	4	1	16.2	20.0	48	00	8	16	2	0	0	—	12.3	-3.8	15.5	22	+2	11	-1	45	0	70	59	134
	EL ARISH	01	9	30	1	1	3	8	16.8	19.0	28	00	9	00	0	0	0	—	13.8	-3.5	15.3	21	+2	7	-1	49	0	195	66	135
LOWER EGYPT	DAMANHUR	01	7	16	4	1	3	3	15.1	21.3	33	01	6	20	4	1	4	4	11.4	-5.1	12.0	22	+1	8	0	62	0	93	77	136
	MANSURA	01	8	20	1	1	4	8	16.4	21.0	38	00	8	16	1	0	0	—	12.6	—	12.0	22	+1	7	-1	59	0	44	37	137
	TANTA	01	8	20	2	1	4	4	15.9	22.0	36	00	8	00	0	0	0	—	12.3	-4.6	13.5	23	+2	9	+2	56	0	44	30	138
	ZAGAZIG	00	7	18	2	0	3	8	16.3	20.6	45	00	7	16	2	0	0	—	12.3	-4.8	13.2	23	+2	9	+2	55	0	40	20	139
MIDDLE EGYPT — CAIRO	ALMAZA	01	8	29	3	1	4	1	16.8	20.0	33	00	8	16	1	0	0	—	13.1	—	17.0	23		12		34	0	44		141
CAIRO	EZBEKIYA	01	8	20	1	1	6	2	15.9	21.0	37	05	5	14	3	0	0	—	12.7	-4.2	12.3	22	0	10	+1	52	0	41	17	
CAIRO	GIZA	02	8	18	1	1	5	2	15.8	22.8	28	00	6	16	2	0	0	—	12.8	-5.0	13.1	24	+3	7	+1	65	0	41	18	
	HELWAN	00	9	22	2	0	2	1	15.9	20.0	28	05	6	12	2	0	0	—	13.2	-4.4	12.0	21	0	10	+1	47	0	50	18	143
	SUEZ	00	9	00	0	0	0	—	16.2	22.4	62	00	8	10	1	0	0	—	13.6	-3.0	17.0	24	+3	—	—	08	0	37	12	144
UPPER EGYPT	FAIYUM	01	8	22	2	1	3	6	16.0	21.8	31	00	8	18	2	0	0	—	13.6	-3.5	10.8	23	+1	7	0	58	0	75	6	153
	MINYA	00	9	02	2	1	2	4	15.4	28.2	23	00	8	12	1	0	0	—	13.4	-4.3	14.9	24	+2	9	+2	42	0	1		154
	ASYUT	00	8	28	1	0	0	—	15.1	21.1	30	00	6	12	1	0	0	—	14.2	-4.1	12.7	23	0	7	-1	52	0	14	4	155
	QENA	00	8	24	2	1	0	—	14.3	23.4	35	00	7	02	2	1	0	—	13.8	-2.6	13.8	25	-1	10	+2	41	0	20		156
	LUXOR	00	7	32	2	0	0	—	15.0	24.0	30	00	7	10	2	0	0	—	[illegible]	—	17.0	25		10		47	0	tr.		157
	ASWAN	00	9	32	1	0	0	—	12.3	23.8	28	02	9	02	1	1	5	4	12.8	-4.6	15.0	25	-1	13	+1	30	0	tr.	—	158
WESTERN DESERT	SIWA	00	8	24	2	0	0	—	16.7	21.9	66	00	7	28	1	0	0	—	13.2	-5.6	11.5	22	0	5	-1	76	0	5	6	148
	BAHARIYA	00	9	00	0	0	0	—	17.0	19.6	38	00	9	00	0	0	0	—	14.4	-3.4	9.3	20		5		70	0	7		149
	KHARGA	00	9	32	1	0	0	—	15.4	22.0	21	00	8	00	0	0	2	1	13.9	-3.6	13.8	23	-2	10	+3	45	0	4	—	151
	DAKHLA	00	8	32	1	0	0	—	15.4	22.6	45	00	8	00	0	0	0	—	14.6	-3.7	13.2	24	-1	7	0	53	0	tr.		152
RED SEA	TOR																												11	145
	HURGHADA	00	9	02	3	0	0	—	15.6	20.0	34	01	8	26	2	1	4	8	14.6	-1.3	14.7	20	-3	9	-1	28	0	8	—	146
	QUSEIR	00	8	32	3	0	0	—	14.6	20.0	55	01	8	26	2	1	4	4	13.0	-2.6	17.8	20	-4	15	0	37	0	20	—	147
	PORT SUDAN																										0	81	93	169
NORTH SUDAN	WADI HALFA	00	9	32	3	0	0	—	12	24	16	00	9	00	0	0	3	1	13		14					48	0	0		165
	KAREIMA	00	8	06	3	0	0	—	8	31	16	00	8	04	3	0	2	2	10		20					21	0	0	1	166
	ATBARA	00	8	02	4	0	0	—	—	39	9	00	8	32	3	0	0	—	9		17					37	0	0	2	167
	KHARTUM																										0	tr.	4	168
	KASSALA	00	8	20	4	0	0	—	2	36	22	00	8	30	2	0	0	—	5		25					54	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	00	8	02	5	0	0	—	3	36	12	00	7	04	2	0	1	1	7		21					50	0	8	12	171
	DUEIM																										0	4	13	173
	RENK	00	9	28	3	0	0	—	2	36	13	00	9	28	3	0	0	—	6		23					34	—	—	49	182
	ROSEIRES	00	7	20	2	0	0	—	—	36	44	00	7	32	2	0	0	—	6		24					61	0	1	36	172
	EL OBEID	01	8	20	4	1	3	1	5	34	7	00	9	32	3	0	0	—	8		21					17	0	6	16	174
	EL FASHER	01	8	14	3	1	5	1	—	33	26	00	9	32	1	0	3	1	—		15					20	0	5	6	175
	GENEINA	00	8	04	2	1	2	1	—	33	10	00	8	04	3	0	3	1	—		18					—	—	—	4	179
	KADUGLI	01	8	04	4	1	4	1	4	37	13	00	8	04	3	0	0	—	7		27					13	—	—	70	187
S. SUDAN	MALAKAL	00	7	06	4	0	0	—	—	33	10	01	8	02	4	1	3	4,1	5		26					25	0	48	88	176
	WAU	01	8	02	2	0	4	1	3	37	8	00	8	00	0	0	0	—	7		21					—	0	184	148	177
	JUBA	00	8	08	1	0	2	8	2	39	14	02	8	18	1	1	7	6,4	—		26					51	0	149	155	178

UPPER WINDS ON 21st ٢١ يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	Rashad	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	8 h 30 m	h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m
				02 17 25		02 11 10	02 01 10	10 07 30	10 05 40	10 03 20	10 11 30	10 04 45	16 04 65	10 08 05
				05 19 40		05 08 10	10 02 10	15 04 10	15 03 10	15 09 25	15 13 15	15 07 50	15 05 40	
				10 20 35		10 21 10	15 02 15	20 22 25	20 09 10	20 09 20	20 08 15	20 08 30	20 06 20	
				15 20 50		15 22 20		30 24 45	30 03 05	30 20 05		30 34 05	30 07 15	
				20 21 30		20 23 25		40 25 50	40 27 15	40 16 10		35 29 05		
				23 22 20		30 26 40		45 25 55	45 28 20	45 16 10		40 28 20		
				25 23 25		40 26 55			50 21 40	50 18 05				
				30 29 20										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day — Humidity % on 20th	Diff. from normal	Wet Bulb Temp °C on 20th	Diff. from normal
Alexandria	48	-17	11.2	-0.4
Ezbekiya	50	-12	10.7	-0.3
Giza	60	-6	11.4	+0.5
Helwan	32	-18	9.6	-0.3

Giza Grass minimum on 21st 4.7 °C

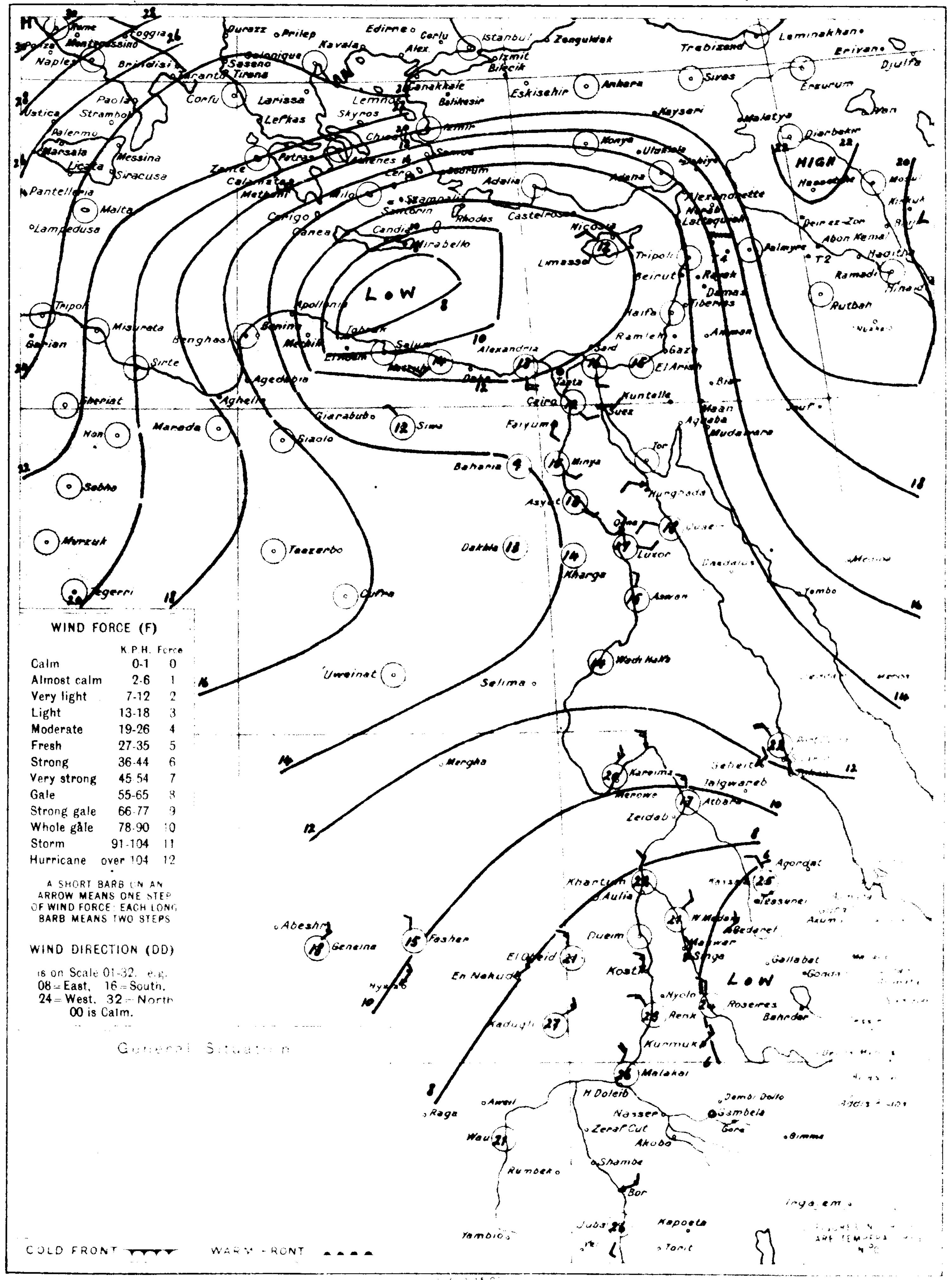
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
21-2	984	610
20-2	984	984

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	٢١-٢	—	—	12.55	-0.75
Nasser		—	—	5.36	+0.16
Malaka.		10.16	-0.25	10.17	-0.25
Roseires		11.72	+0.08	11.71	+0.07
Sennar Res		—	—	20.90	—
J. Aulia U.S		—	—	376.52	—
J. Aulia D.S		—	—	371.90	+0.43
Khartum		—	—	10.70	+0.46
Kh. el Girba					
Atbara		10.58	+0.35	10.59	+0.35
Kajnarti		—	—	132.26	-0.55
Aswan Res.		118.69	—	118.70	—
Aswan D.S.		85.34	-0.67	85.37	-0.68
Roda (Cairo)		16.24	+0.66	16.27	+0.69

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

Isobars, Wind and Temperature at 8 h. 21-2-1945 ١٩٤٥-٢-٢١



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

STATION محطة	At 8 h. on 21st ٢١ — Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Temperature Dry Bulb °C	Maximum Yesterday	Diff. from norm.	Minimum Today	Diff. from norm.	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	02	7	28	2	4	5	—	11.8	-3.7	12	—	—	—	—	—	3	559	361
Naghamadi	00	8	00	0	0	3	4	13.5	—	13.9	24	—	8	—	59	0	16	—

SHIPS سفن

Remarks

WATER TEMP.
RIVER NILE CAIRO
16.4 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder ...	11
Distant Duststorm	12
Squall	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 15[illegible]

CAIRO
Time of Sunrise 06h 28m
Sunset 17 49

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY, 1945 ١٩٤٥ شهر فبراير

STATION	At 14h on 21st: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	°C Temp. TTT	% Humidity UU	At 8h on THURSDAY, 22nd: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN: SALŪM																													130
MATRUH	02	8	20	3	3	7	6	11.4	16.1	99	00	9	24	2	0	1	8	12.8	-3.9	7.5	20	+2	3	-7	96	0	94	136	131
DIKHEILA																													150
ALEXANDRIA	01	8	20	2	2	4	8	9.4	20.6	38	01	9	20	7	2	4	8	14.4	-2.6	11.7	22	+2	10	-1	55	0	215	165	132
DAMIETTA	01	8	18	3	1	3	8	9.6	23.9	38	14	8	22	5	1	0	—	14.0	—	9.4	24	—	6	—	71	0	89	86	159
PORT SAÏD	01	8	24	2	1	4	1	10.0	23.9	25	14	8	20	5	3	3	4	14.3	-1.8	11.5	25	+5	10	-2	56	0	70	60	134
EL ARISH											00	9	20	1	0	0	—	—	—	14.8	25	+6	11	+3	42	0	195	66	135
LOWER EGYPT: DAMANHUR	01	7	20	3	1	4	3	9.1	20.6	36	01	6	22	6	1	3	8	15.1	-1.4	9.0	24	+3	7	-1	78	0	93	78	136
MANSURA	01	8	20	1	1	3	8	10.2	24.0	33	00	8	20	2	0	0	—	15.4	—	10.0	25	+4	5	-3	62	0	44	38	137
TANTA	01	8	20	6	1	4	4	9.5	25.5	26	00	8	24	6	0	0	—	16.0	-0.9	10.0	26	+5	5	-2	62	0	44	30	138
ZAGAZIG	00	7	20	2	0	1	8	10.0	23.4	38	00	7	18	2	0	0	—	15.9	-1.2	10.1	24	+3	7	0	70	0	40	20	139
MIDDLE EGYPT: CAIRO ALMAZA	00	8	20	4	0	0	—	11.1	24.0	26	00	7	22	3	0	0	—	17.0	—	11.3	24	—	9	—	50	0	44	—	141
CAIRO EZBEKIYA	00	9	18	4	0	0	—	10.0	23.6	30	05	6	18	3	0	0	—	17.0	+0.2	10.5	25	+3	9	0	57	0	41	17	—
CAIRO GIZA	00	8	20	3	0	0	—	10.3	25.2	21	00	7	20	3	0	0	—	16.8	-0.9	12.0	26	+5	7	+1	62	0	41	18	—
HELWAN	00	8	18	3	0	0	—	10.3	22.2	25	00	8	00	0	0	0	—	17.5	0.0	9.0	23	+2	7	-2	60	0	50	19	143
SUEZ	00	9	20	2	0	0	—	11.1	23.4	53	00	8	22	2	0	0	—	17.0	+0.5	13.9	25	+4	11	+1	54	0	37	12	144
UPPER EGYPT: FAIYUM	00	8	18	3	0	0	—	10.3	24.7	19	00	8	22	3	0	0	—	18.2	+1.2	9.1	26	+4	7	0	56	0	75	6	153
MINYA	00	9	24	2	0	0	—	11.6	24.9	24	00	8	30	2	0	0	—	19.5	+1.9	10.0	26	+4	8	+1	49	0	1	—	154
ASYUT	01	7	02	1	1	3	5	11.4	23.7	36	00	6	20	1	0	0	—	19.5	+1.2	10.8	26	+3	7	-1	54	0	14	4	155
QENA	00	8	22	2	0	0	—	10.6	25.4	30	05	7	22	2	1	0	—	16.7	+0.3	13.6	28	+2	11	+3	54	0	20	—	156
LUXOR	00	7	10	2	0	0	—	11.6	27.0	29												—		—			tr.	—	157
ASWAN	00	9	00	0	0	0	—	9.0	25.0	28	00	9	32	5	0	0	—	14.6	-2.7	17.0	28	+2	14	+2	34	0	dy.	—	158
WESTERN DESERT: SIWA	02	8	28	4	1	6	2	14.0	17.8	76	00	7	22	4	0	0	—	21.4	+2.7	7.5	18	-4	5	-1	72	0	5	6	148
BAHARIYA	00	9	32	1	0	0	—	11.1	22.5	48	00	9	08	1	0	0	—	19.8	+2.0	10.0	24		6		74	0	7		149
KHARGA	00	9	00	0	0	2	1	11.6	26.5	19	00	8	02	2	0	0	—	18.3	+0.9	13.2	28	+3	11	+4	36	0	4	—	151
DAKHLA	00	9	29	2	0	0	—	11.8	27.0	26	00	7	28	6	0	0	-	20.6	+2.4	11.2	28	+3	9	+2	73	0	tr.		152
RED SEA: TOR																											3	11	145
HURGHADA	00	9	10	1	0	0	—	12.6	21.7	33																	8	—	146
QUSEIR	00	8	32	2	0	0	—	11.5	21.3	55	01	8	30	2	1	4	4	12.2	-3.3	20.8	22	-2	17	+2	23	0	20	—	147
PORT SUDAN																										1	82	93	169
NORTH SUDAN: WADI HALFA	00	9	30	3	0	0	—	9	27	13	18	6	30	5	0	0	—	15		16					36	0	0	—	165
KAREIMA	00	8	04	2	0	0	—	6	34	14	00	8	04	1	0	0	—	11		19					24	0	0	1	166
ATBARA	18	5	06	4	0	0	—	3	35	22	00	8	02	2	0	0	—	9		23					53	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	08	2	0	0	—	99	43	20	00	8	30	4	0	0	—	5		26					66	0	9	8	170
CENTRAL SUDAN: WAD MEDANI	01	8	02	3	0	4	1	1	43	08	01	7	04	3	1	5	4	7		25					30	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	3	0	0	—	2	43	32	00	9	28	3	0	0	—	—		24		—		—	34	—	—	49	182
ROSEIRES	00	7	30	2	0	0	—	—	36	52	02	7	32	2	1	6	4	7?		26					58	0	1	36	172
EL OBEID	00	9	06	4	0	2	1	1	36	11	00	8	30	3	0	3	4	8		22					21	0	6	16	174
EL FASHER	01	9	04	2	1	4	1	—	35	10	00	9	00	0	0	0	—	—		17					26	0	5	6	175
GENEINA	01	8	02	3	1	5	2	—	36	18	00	8	04	3	0	1	2	—		21					21	—	—	4	179
KADUGLI	01	8	02	4	0	4	1	1	43	09	02	8	02	3	0	5	—	6		29					20	—	—	90	187
S. SUDAN: MALAKĀL	00	8	02	2	0	2	4	0	43	11	01	8	02	4	1	6	8,4	5		28					22	0	48	88	176
WAU	00	8	06	2	0	1	4	2	43	34	01	8	00	0	0	4	4	5		25					36	0	184	148	177
JUBA	01	8	12	4	1	3	8	1	43	18	01	8	18	1	1	4	4,2	7		28					40	0	149	156	178

UPPER WINDS ON 22nd ٢٢ الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALŪM h m	MATRŪH h m	DIKHEILA h m	PORT SAID h m	HELWAN 8 h 30m	MINYA h m	ASYUT 7 h m	ASWAN 7 h m	WADI HALFA 7 h m	KAREIMA 7 h m	GENEINA 7 h m	KASSALA 7 h m	EL OBEID 7 h m	FASHER 7 h m	JŪBA 7 h m
				02 27 20		02 31 25	02 28 30	10 03 55	10 03 45	10 05 15	10 05 10	10 03 60	10 03 35	10 17 20
				05 27 40		05 32 35	05 35 60	15 01 20	15 03 25	15 07 40	15 07 10	15 04 40	15 08 20	15 13 20
				08 27 35		10 31 35	10 03 50	20 24 40	20 32 20	20 05 45	20 08 05	20 02 35	20 06 25	20 12 40
				10 26 60		15 26 50			30 32 25	40 18 30		30 35 20	30 11 20	30 08 20
				15 26 40		20 25 55			40 30 10	45 21 15		40 17 20	40 24 10	40 07 15
				20 23 50					45 24 20	60 21 40			45 20 20	
				23 24 65					50 24 35				50 20 15	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 21st	Diff. from normal	Wet bulb temp °C on 21st	Diff. from normal
Alexandria	51	-14	11.1	-0.6
Ezbekiya	43	-18	11.4	+0.4
Giza	54	-12	11.9	+0.9
Helwan	33	-17	10.1	+0.1

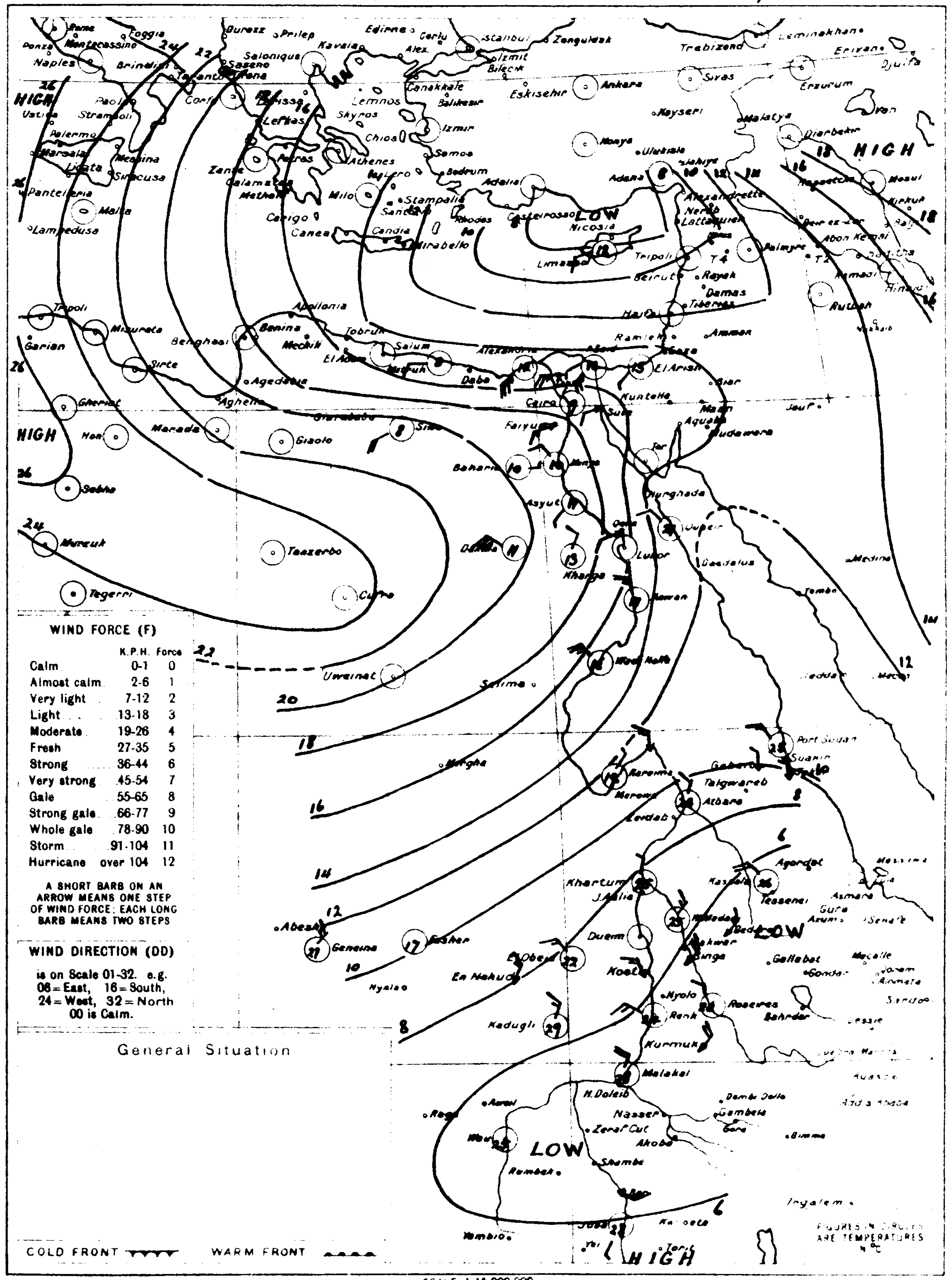
Giza Grass minimum on 22nd 3.7 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
22-2	984	810
21-2	984	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m
Jūba		—	—	12.54	-0.75
Nasser		—	—	—	—
Malakāl		—	—	10.16	-0.25
Roseires		—	—	11.72	+0.08
Sennār Res	٢	—	—	419.86	—
J. Aulia U.S	١	—	—	376.56	—
J. Aulia D.S		—	—	371.89	+0.63
Khartūm	٢	—	—	10.72	+0.37
Kh. el Girba	٢	—	—	—	—
Atbara		—	—	10.58	+0.36
Kajnarti		—	—	132.42	+0.36
Aswan Res.		118.66	—	118.69	—
Aswan D.S.		85.40	-0.60	85.34	-0.67
Roda (Cairo)		16.22	+0.63	16.34	+0.66

١٩٤٥-٢-٢٢ Isobars, Wind and Temperature at 8 h. 22-2-1945



STATION	At 8 h. on 22nd: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff from norm °C	Minimum Today °C	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	26	2	0	0	—	17.5	—	13.0	25	—	10	—	52	0	16	—
Limassol	66	6	22	2	6	7	—	8.2	-7.2	12	—	—	—	—	—	1	560	364
SHIPS																		

Remarks
Water Temp. River Nile Cairo 16.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10
[illegible] 11
Distant Duststorm 12
Squally [illegible]
Slight Duststorm [illegible]
[illegible] 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
[illegible] 41
Thick [illegible] 42
Fog in patches 43
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain or Snow 68, 69
Snow 70-79
Showers 80-89
of Snow 83, 84
of Sleet 85, 86
of Hail 87, 88
Thunderstorm 90-99
[illegible]

PAST WEATHER (W)
Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)
Objects not visible at 50 metres 0
200 1
500 2
1 Kilometre 3
2 4
4 5
10 6
20 7
50 8
Visible over 50 kms. 9

CLOUD AMOUNT (N)
Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

CLOUD FORM (C)
Cirrus
Cirro-stratus 2
Cirro-cumulus 3
Alto-cumulus 4
Alto-stratus 5
Strato cumulus 6
Nimbo-stratus 7
Cumulus 8
Cumulo-nimbus 9
Stratus 0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 27 m
Sunset 17 49

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C

DAILY WEATHER REPORT

Month FEBRUARY 1945 ١٩٤٥ شهر فبراير

STATION	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	8h ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs	Diff from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff from norm.	Min. Today °C	Diff from norm.	Humidity %	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																												—	130
MATRUH	02	8	24	4	3	5	0	—	13.5	96	02	8	28	3	6	5	9	—	—	10.9	14	-4	3	-7	—	1	95	137	131
DIKHEILA																												—	150
ALEXANDRIA	02	8	22	7	2	5	6	14.4	12.8	40	60	8	28	7	6	8	9	17.2	+0.2	9.0	13	-7	7	-4	87	10	226	166	132
DAMIETTA	14	8	20	6	1	4	8	13.8	14.0	55	01	8	20	4	5	5	7	15.8	—	8.8	15	—	6	—	76	tr.	89	87	159
PORT SAID	14	8	22	5	3	5	4	13.9	15.6	35	14	8	24	5	3	5	5	15.5	-0.5	9.7	18	-2	9	-3	70	0	70	60	134
EL 'ARISH											01	9	20	3	1	3	8	18.9	-1.3	10.8	17	-2	9	+1	60	0	195	67	135
LOWER EGYPT																													
DAMANHUR	01	6	20	6	1	3	1	15.0	14.6	72	63	5	20	3	6	8	7	18.0	+1.5	7.2	16	-5	6	-2	94	8	101	79	136
MANSURA	01	7	16	3	1	4	8	14.8	15.0	37	60	6	24	2	6	5	9	17.1	—	7.0	16	-5	6	-2	85	2	46	38	137
TANTA	00	8	20	6	0	0	—	15.0	14.5	43	02	7	24	4	1	8	8	18.0	+1.1	9.0	15	-6	5	-2	83	0	44	31	138
ZAGAZIG	00	6	24	5	3	3	8	14.7	14.8	57	00	7	24	2	0	3	8	18.2	+1.2	8.2	16	-5	5	-2	78	0	40	20	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	00	7	24	5	1	1	4	16.3	16.0	31	00	7	20	3	0	1	6	19.0	—	8.0	17	—	6	—	62	0	44	—	141
EZBEKIYA	05	7	24	4	0	3	2	15.5	15.9	32	05	5	24	5	0	3	8	18.8	+2.0	10.5	17	-5	6	-3	61	0	41	18	—
GIZA	01	8	24	4	1	3	2	18.9	19.0	24	00	6	24	5	0	1	8	18.8	+1.1	10.4	20	-1	4	-2	60	0	41	18	—
HELWAN	00	8	22	6	0	0	—	15.4	15.8	21	00	7	12	2	0	0	—	19.8	+2.4	8.1	16	-5	3	-6	66	0	60	19	143
SUEZ	00	9	16	2	0	3	8	16.1	18.8	40	00	9	28	1	0	3	8	18.0	+1.5	13.9	20	-1	9	-1	55	0	37	12	144
UPPER EGYPT																													
FAIYUM	00	8	26	5	0	2	6	16.7	16.5	26	00	8	22	3	0	0	—	20.0	+3.0	7.2	17	-6	4	-3	52	0	75	6	153
MINYA	00	8	32	4	0	0	—	17.8	19.0	16	00	8	28	1	0	0	—	21.1	+3.5	8.0	19	-4	5	-3	47	0	1	—	154
ASYUT	00	7	28	2	0	0	—	17.5	16.5	33	00	6	22	1	0	0	—	20.8	+2.6	7.3	17	-6	4	-4	59	0	14	4	155
QENA	00	8	22	4	0	0	—	14.7	22.0	26	00	8	26	4	1	0	—	20.4	+4.1	14.0	24	-2	8	-1	37	0	20	—	156
LUXOR	00	7	30	2	0	0	—	18.6	23.0	25												—		—			tr.	—	157
ASWAN	00	9	30	5	0	0	—	18.4	23.4	17	00	9	32	5	0	0	—	19.4	+2.2	11.0	24	-3	9	-3	30	0	tr.	—	158
WESTERN DESERT																													
SIWA	00	7	26	5	0	0	—	19.5	14.6	65	00	6	24	2	0	0	—	22.6	+3.9	6.5	15	-7	5	-1	78	0	5	6	148
BAHARIYA	00	9	32	1	0	0	—	19.1	17.6	46	00	9	32	1	0	0	—	—	—	6.5	19		3		64	0	7		149
KHARGA	00	9	30	3	0	0	—	16.6	18.2	21	00	8	32	2	0	0	—	21.1	+3.7	9.3	19	-7	5	-2	40	0	4	—	151
DAKHLA	00	8	28	2	0	0	—	18.4	16.0	64	00	7	28	6	0	0	—	23.2	+5.1	11.0	18	-7	4	-3	63	0	tr.		152
RED SEA																													
TOR																												11	145
HURGHADA											00	9	30	5	0	0	—	18.0	+2.2	13.7	—	—	12?	+2	33	0	8	—	146
QUSEIR	00	8	32	2	0	0	—	12.7	23.2	39	00	8	28	3	0	0	—	16.6	+1.1	14.0	23	-1	12	-3	26	0	20	—	147
PORT SUDAN																										0	82	93	169
NORTH SUDAN																													
WADI HALFA	18	5	30	6	0	0	—	13	23	20	01	8	30	4	0	4	2	19		11					38	0	0	—	165
KAREIMA	00	8	04	4	0	3	1	6	34	09	02	7	02	4	1	6	2	14		16					59	0	0	1	166
ATBARA	00	8	32	3	0	0	—	4	36	17	31	3	02	5	3	9	—	11		21					21	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	01	8	02	2	0	4	4	99	39	18	00	8	30	3	0	1	4	5		27					58	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	01	8	04	4	1	4	4	1	39	8	18	6	32	6	1	5	4	7		25					19	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	3	0	0	—	1	40	8																—	—	49	182
ROSEIRES	00	7	26	2	0	0	—	2	37	—	00	7	32	2	0	0	—	6		27					58	0	1	36	172
EL OBEID	00	9	02	4	0	2	1	3	35	18	01	7	30	4	1	3	1	10		19					32	0	6	16	174
EL FASHER	00	9	04	2	0	2	1	—	35	7	05	5	32	2	1	7	2	—		18					24	0	5	6	175
GENEINA	00	9	05	4	1	0	—	—	37	9	01	6	02	5	1	4	2	—		17					28	—	—	4	179
KADUGLI	01	8	02	4	1	4	1	2	39	9	05	7	04	4	2	8	4	9		26					16	—	—	90	187
S. SUDAN																													
MALAKAL	01	8	04	3	1	4	4	0	40	15	01	8	02	4	1	4	2	5		28					74	0	48	88	176
WAU	01	8	06	2	1	3	4	1	39	12	02	8	02	1	1	5	4	6		25					13	0	184	148	177
JUBA	01	8	02	3	1	4	8,2	0	41	17																0	149	156	178

Column heads: At 14 h on 22nd ٢٢ الساعة ١٤ يوم — Present Weather, Visibility, Wind (Dir, Force), Past Weather, Cloud (Amount, Form), Bar Press M.S.L. 1000+ mbs, Temp. °C, Humidity %. At 8 h on FRIDAY 23rd الساعة ٨ يوم الجمعة ٢٣ — Present Weather, Visibility, Wind (Dir, Force), Past Weather, Cloud (Amount, Form), Bar Pressure, Temperature (Maximum, Minimum), Humidity, Rainfall, Station Number.

UPPER WINDS ON 23rd ٢٣ يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA 7 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA
								10 01 50	10 03 65	10 36 35	10 08 05	10 31 —	10 03 80?	
								15 30 05	15 01 30	15 06 30	15 09 10	15 01 50	15 03 65	
								20 29 35	20 32 15	20 07 30	20 09 15	20 02 55	20 04 30	
								30 25 25	30 30 40	30 03 30	30 13 40	30 04 36	30 11 15	
								35 25 15	40 29 30	40 23 05				
									45 27 20	45 17 05				
										50 27 05				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 22nd	Diff. from normal	Wet Bulb Temp °C on 22nd	Diff. from normal
Alexandria	45	-20	7.4	-4.8
Ezbekiya	44	-17	7.5	-3.5
Giza	48	-18	8.1	-2.9
Helwan	41	-9	6.2	-3.9

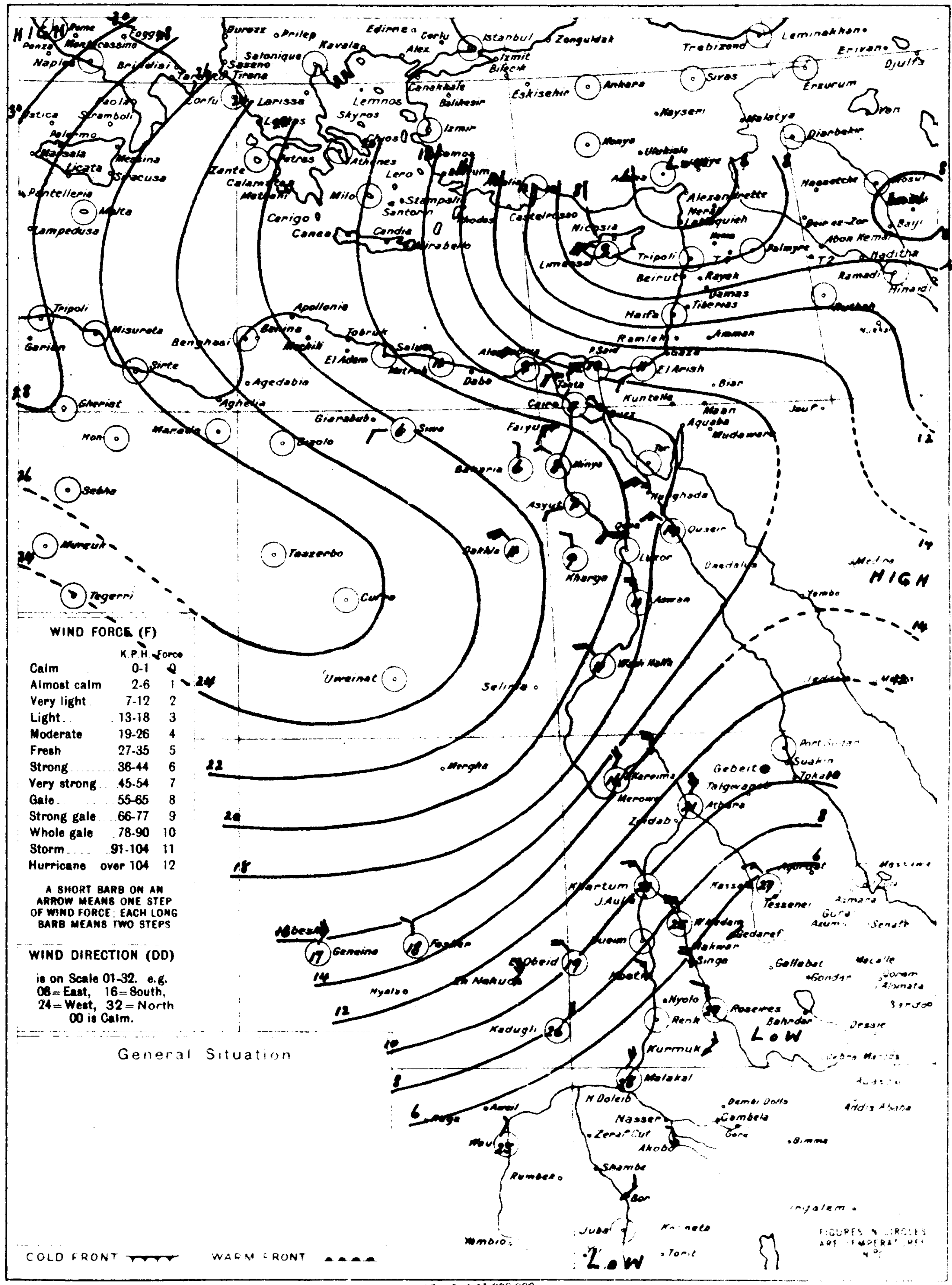
Giza Grass minimum on 23rd 0.4 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
23-2	868	810
22-2	984	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m.
Juba		12.54	-0.75	12.55	-0.74
Nasser		6.43	+0.28	6.46	+0.30
Malakal		10.15	-0.24	10.16	-0.24
Roseires		11.69	+0.07	11.71	+0.07
Sennar Res.		19.75	—	19.80	—
J. Aulia U.S		—	—	376.56	—
J. Aulia D.S	[illegible]	—	—	371.86	+0.61
Khartum	[illegible]	10.71	+0.38	10.72	+0.38
Kh. el Girba	[illegible]				
Atbara	[illegible]	10.56	+0.36	10.58	+0.36
Kajnarti		132.65	-0.08	132.55	-0.27
Aswan Res.		118.64	—	118.66	—
Aswan D.S.		85.17	-0.87	85.40	-0.60
Roda (Cairo)		16.24	+0.65	16.22	+0.63

١٩٤٥-٢-٢٣ Isobars, Wind and Temperature at 8 h 23-2-1945



PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist Fog in past hour	41
Thick [illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
[illegible]	[illegible]
Thunderstorm	90-99
[illegible] with Dust storm	98

PAST WEATHER (W)

Clear [illegible]	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust [illegible]	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

At 8 h on 23rd ٢٣ الساعة ٨ يوم

STATION	ww	V	DD	F	W	N	C	PPP	Diff	Dry Bulb	Max. Yesterday	Diff	Min. Today	Diff	Humidity	Rain past 24 h	Total from Oct 1	Normal from Oct 1
Limassol	51	6	26	6	5	6	—	8.0	-7.4	9	—	—	—	—	—	8	568	367
Naghamadi	00	8	00	0	0	0	—	20.2	—	7.9	19	—	4	—	59	0	16	—

SHIPS سفن

WATER TEMP. RIVER NILE CAIRO 15.7 C.

HOURS ARE EGYPTIAN STANDARD TIME LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 26 m
Sunset 17 h 50 m

Month *FEBRUARY*, 1946   ١٩٤٥   شهر فبراير

MINISTRY OF PUBLIC WORKS   PHYSICAL DEPARTMENT   1417 F.C.

DAILY WEATHER REPORT

STATION	At 14 h. on 23rd (الساعة ١٤ يوم ٢٣) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	Humidity % UU	At 8 h. on SATURDAY, 24th (الساعة ٨ السبت ٢٤) Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry bulb °C TTT	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity % UU	Rainfall Past 24 hrs. mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station number
MEDITERRANEAN																													
SALUM																													130
MATRUH	02	9	28	3	1	5	8	—	12.1	69	21	8	28	3	6	6	9	20.8	+4.1	10.5					71	1	96	138	131
DIKHEILA																													150
ALEXANDRIA	02	9	28	6	6	6	9	17.8	12.8	55	60	9	28	6	6	6	9	19.9	+3.0	11.2	14	-6	7	-4	58	9	234	167	132
DAMIETTA	20	8	24	4	6	4	8	16.0	11.0	92	20	8	20	2	6	3	8	18.4	—	8.2	14	—	6	—	94	5	94	88	159
PORT SAID	02	8	24	4	5	5	5	16.4	15.1	50	02	8	20	4	5	5	6	18.3	+2.4	9.8	16	-4	8	-4	76	dr.	70	61	134
EL ARISH											01	8	20	1	1	5	8	19.1	+5.0	9.1	16	-3	7	-1	73	2	197	68	135
LOWER EGYPT																													
DAMANHUR	20	6	28	3	6	5	9	17.5	13.0	62	02	6	20	3	6	5	9	19.1	+2.6	8.4	15	-6	7	-1	92	15	116	80	136
MANSURA	50	7	28	2	5	4	9	17.6	13.2	69	50	7	20	2	5	4	9	19.6	—	10.0	15	-6	6	-2	80	dr.	46	39	137
TANTA	03	7	24	5	5	8	7	17.8	15.0	78	01	7	24	2	6	4	8	20.2	+3.3	8.0	16	-5	5	-2	90	2	46	31	138
ZAGAZIG	02	7	24	5	1	5	8	18.6	14.8	58	50	5	24	2	5	6	7	20.7	+3.7	7.2	16	-5	5	-2	100	tr.	40	20	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	29	4	1	5	8	19.2	14	45	05	6	25	5	1	5	6	21.0	—	7.9	16	—	6	—	73	0	44	—	141
CAIRO EZBEKIYA	02	7	26	2	1	5	6	18.4	14.7	44	05	6	22	3	1	5	6	21.0	+4.3	8.8	16	-6	6	-3	71	0	41	18	—
CAIRO GIZA	01	8	26	2	1	5	8	18.3	17.4	46	80	6	22	2	1	4	9	20.8	+3.2	8.4	19	-3	3	-4	77	dr.	41	18	—
HELWAN	01	8	24	4	1	5	8	18.4	13.8	36	09	8	00	0	1	4	4	21.9	+4.5	6.2	14	-7	4	-5	79	0	50	19	143
SUEZ	00	9	30	2	0	0	—	18.7	16.8	75	02	8	30	2	2	5	9	21.0	+4.6	10.8	18	-3	6	-5	69	0	37	12	144
UPPER EGYPT																													
FAIYUM	01	8	32	4	1	4	8	19.2	15.2	74	01	8	26	3	1	3	8	22.3	+5.4	6.7	16	-7	5	-3	61	0	75	6	153
MINYA											00	8	30	1	0	0	—	22.6	+5.1	9.4	18	-5	4	-4	55	0	1	—	154
ASYUT	00	8	26	2	0	0	—	20.0	16.0	32	00	6	22	1	0	0	—	22.8	+4.7	7.8	17	-6	3	-5	56	0	14	4	155
QENA	00	9	26	4	0	0	—	18.4	18.8	24	00	7	26	3	0	0	—	21.2	+4.9	10.0	22	-4	7	-2	60	0	20		156
LUXOR	00	7	30	3	0	0	—	18.7	18.5	29																			157
ASWAN	00	9	30	5	0	0	—	17.2	18.0	23	00	9	32	3	0	0	—	20.2	+3.1	10.0	19	-8	7	-5	28	0	dr.	—	158
WESTERN DESERT																													
SIWA	00	8	28	3	0	0	—	22.2	14.6	68	00	6	00	0	0	0	—	24.4	+5.8	5.5	15	-7	3	-3	66	0	5	6	148
BAHARIYA	00	9	32	1	0	0	—	—	17.0	48	00	9	00	0	0	0	—	22.7	+5.0	9.0	18	—	6	—	73	0	7		149
KHARGA	00	9	32	3	0	0	—	19.1	17.2	22	00	8	02	2	0	0	—	21.9	+4.6	9.9	19	-7	6	-1	37	0	4	—	151
DAKHLA	00	8	28	3	0	0	—	21.4	17.3	50	00	7	32	2	0	0	—	23.9	+5.8	8.9	18	-7	3	-4	65	0	tr.	—	152
RED SEA																													
TOR																												11	145
HURGHADA	00	9	30	5	0	0	—	16.7	18.1	28	01	8	28	4	1	4	8	19.4	+3.6	13.1	19	-4	9	-1	53	0	8	—	146
QUSEIR	00	8	32	3	0	0	—	16.3	17.2	36	00	8	28	4	0	0	—	18.2	+2.8	13.8	19	-5	11	-4	37	0	20	—	147
PORT SUDAN																										0	82	93	169
NORTH SUDAN																													
WADI HALFA	18	6	30	5	1	2					01	9	30	4	0	3	1	20		11					38	0	0	—	165
KAREIMA	02	8	30	4	1	6	2	11	29	08	00	8	02	3	0	3	1	15		13					19	0	0	1	166
ATBARA	31	3	28	5	3	9	—	6	33	26	31	3	04	5	3	9	—	11		17					20	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	7	32	3	0	0	—	10	38	25	00	8	32	4	0	0	—	7		24					49	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	18	6	32	5	1	3	4	3	37	17	18	6	32	5	0	0	—	9		21					17	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	8	00	0	0	3	3	—	39	20																—	—	49	182
ROSEIRES	00	7	20	2	0	0	—	2	37	—	00	7	32	2	0	0	—	8		26					—	0	1	36	172
EL OBEID	05	5	32	4	0	0	—	6	34	16	05	6	32	3	0	0	—	12		16					19	0	6	16	174
EL FASHER	05	6	02	4	1	2	1	—	32	15	05	5	32	3	1	3	1	—		14					23	0	5	6	175
GENEINA	05	6	02	4	1	4	2	—	32	13																—	—	4	179
KADUGLI	00	8	04	4	0	1	1	5	36	12	18	5	04	4	0	0	—	10		22					16	—	—	90	187
S. SUDAN																													
MALAKAL	00	8	32	4	0	0	—	1	38	07	05	6	32	5	0	0	—	6		26					25	0	48	88	176
WAU	00	8	02	2	1	1	4	2	38	11	00	8	32	1	0	1	4	9		23					27	0	184	149	177
JUBA	01	8	04	4	1	4	3	1	41	13	05	7	04	2	1	4	2	8		27					40	0	149	157	178

UPPER WINDS ON 24th (الرياح العليا يوم ٢٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN 8 h 45 m	MINYA h m	ASYUT 7 h m	ASWAN 7 h m	WADI HALFA 7 h m	KAREIMA 7 h m	FASHER 6 h m	KASSALA 7 h m	EL OBEID 7 h m	MALAKAL 7 h m	JUBA 7 h m
				02 23 05		02 32 15	02 36 20	02 03 20	10 04 55	10 01 35	10 02 15	10 36 40	10 01 40	10 23 25
				05 28 20		05 34 25	05 36 40	05 02 60	15 04 25	15 02 05	15 36 10	15 02 50	15 03 55	15 05 35
				08 29 30		10 33 45	10 35 40	10 02 55	20 34 05	20 06 40	20 34 05	20 05 40		20 04 20
				10 30 45		15 33 40		15 36 40	30 28 15	25 06 35				
				12 30 50		20 31 55		20 36 30		30 02 30				
						25 30 60				40 12 05				
						30 28 65				45 21 05				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 23rd	Diff. from normal	Wet bulb temp. °C on 23rd	Diff. from normal
Alexandria	66	+1	8.3	-3.5
Ezbekiya	60	-1	8.1	-3.0
Giza	64	-2	9.0	-2.1
Helwan	57	+7	5.9	-4.3

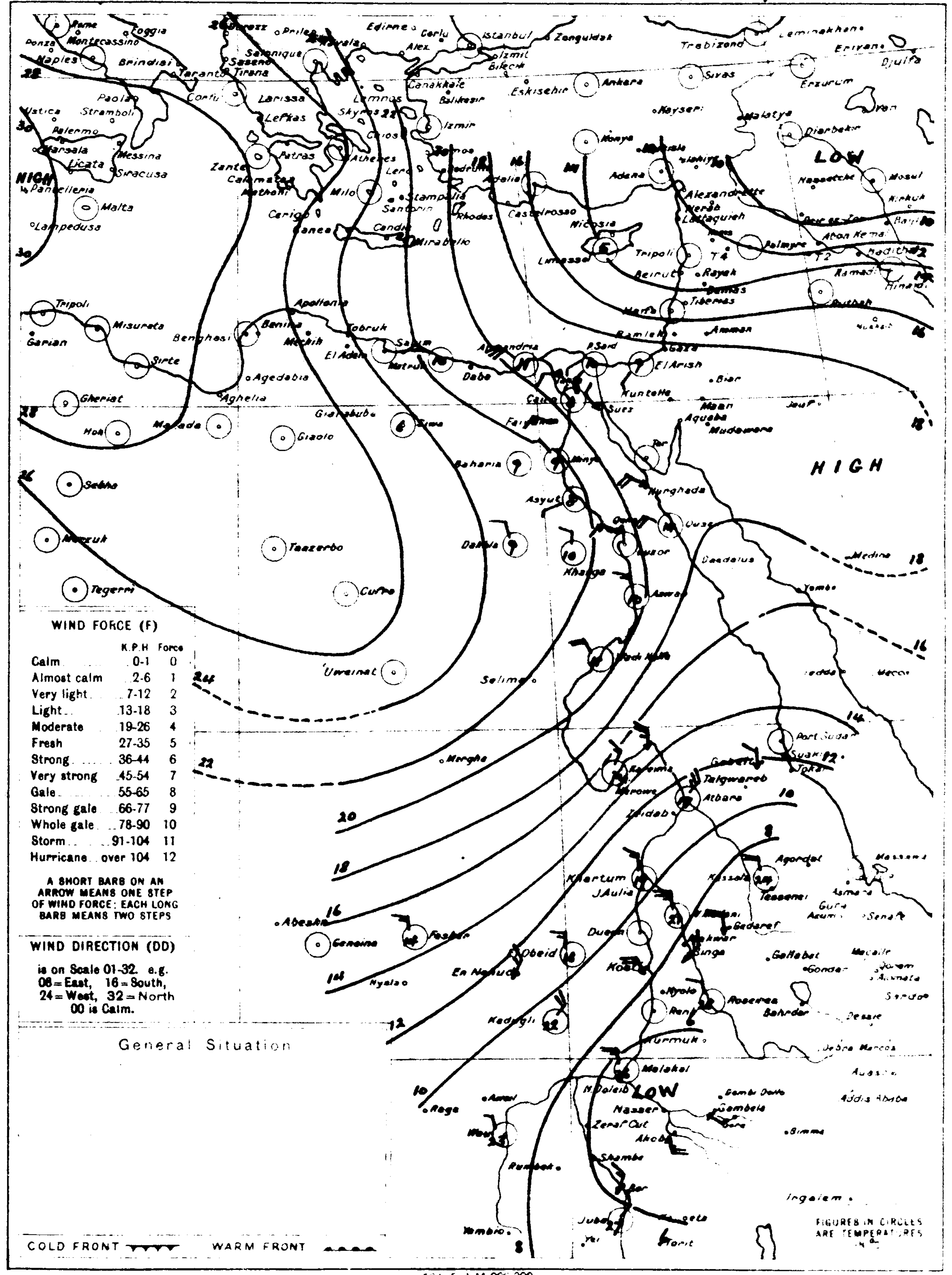
Giza Grass minimum on 24th = 3.3 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
24-2	868	810
23-2	868	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	12.54	-0.75
Nasser		—	—	5.43	+0.28
Malakal		10.15	-0.23	10.15	-0.24
Roseires		11.65	+0.04	11.89	+0.07
Sennar Res	٢٢	—	—	19.75	—
J. Aulia U.S	٢	—	—	—	—
J. Aulia D.S		—	—	—	—
Khartum	٢٣	—	—	10.71	+0.38
Kh. el Girba	٢٢	—	—	—	—
Atbara		10.58	+0.38	10.56	+0.35
Kajnarti		—	—	132.68	-0.08
Aswan Res.		118.63	—	118.64	—
Aswan D.S.		85.14	-0.83	85.17	-0.81
Roda (Cairo)		16.34	+0.65	16.34	+0.65

١٩٤٥-٢-٢٤ Isobars, Wind and Temperature at 8 h. 24-2-1945



STATION (محطة)	At 8 h. on 24th Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry bulb °C TTT	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity % UU	Rainfall Past 24 hrs. mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
N. Hamadi	00	8	00	0	0	0	—	21.0	—	8.7	17	—	3	—	56	0	16	—
Limassol	02	8	00	0	2	5	—	13.6	-1.6	5	—	—	—	—	—	3	571	370
SHIPS (سفن)																		

Remarks
Water Temp. River Nile Cairo 15.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low fog	04
Thick haze	05
Dust devils	06
Distant lightning	07
Light mist or haze	08
Distant fog	09
Rain in sight	10
[illegible]	11
Distant duststorm	12
Squally	13
Slight duststorm	18
Rain in last hour	20-29
Slight thunderstorm	28
Heavy thunderstorm	29
Duststorm	30-34
Fog or thick haze	40-49
Mist fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ..	1
500 ..	2
1 Kilometre	3
2 ..	4
4 ..	5
10 ..	6
20 ..	7
50 ..	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise 06 h 25 m

Sunset 17 51

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month FEBRUARY 1945 ١٩٤٥ شهر فبراير

At 14 h on 24th ٢٤ الساعة ١٤ يوم — At 8 h on SUNDAY 25th الأحد ٢٥ الساعة ٨

STATION	14h Present weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press M.S.L. 1000+ mbs PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C	Maximum Yesterday °C	Max Diff from norm °C	Minimum Today °C	Min Diff from norm °C	% Humidity	Rainfall Past 24 hrs	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms	Station number
MEDITERRANEAN																													
SALUM																													130
MATRUH	21	8	30	3	6	6	9	—	12.5	59	20	8	24	3	5	6	6	26.4	+9.7	10.1	14	-4	7	-3	99	tr	96	139	131
DIKHEILA																													150
ALEXANDRIA	50	8	32	5	5	8	9	20.6	12.0	54	03	8	28	5	2	8	6	23.8	+6.9	12.3	14	-6	8	-4	51	1	235	168	132
DAMIETTA	20	8	28	6	5	4	7	18.6	12.6	69	02	8	20	1	5	5	6	22.7	—	10.7	14		7		82	1	95	89	159
PORT SAID	02	8	26	4	5	5	6	18.4	13.0	63	01	8	28	3	1	4	5	22.2	+6.3	11.2	15	-5	9	-3	77	tr	71	61	134
EL ARISH	01	9	20	1	1	4	8	17.9	14.2	55	01	8	20	1	6	4	8	22.8	+5.8	10.1	15	-4	7	-1	76	9	206	68	135
DELTA																													
DAMANHUR	61	4	28	3	6	8	9	20.2	12.0	74	01	6	24	3	1	4	8	23.8	+7.4	10.2	14	-7	7	-1	84	3	119	81	136
MANSURA	50	7	32	3	5	4	9	19.8	12.5	65	50	7	20	2	5	4	9	23.6	—	10.2	15	-6	5	-3	82	dr	46	39	137
TANTA	20	7	28	4	6	4	9	19.2	14.5	62	02	7	24	2	2	7	7	24.6	+7.7	9.0	16	-5	4	-3	86	1	47	31	138
ZAGAZIG	60	5	26	2	6	8	7	19.5	11.6	88	02	5	20	2	1	6	7	23.5	+6.5	7.6	16	-5	4	-3	89	tr	41	20	139
MIDDLE EGYPT																													
CAIRO ALMAZA	02	7	29	4	1	5	8	21.1	12.9	62	02	7	18	2	1	5	6	24.0	—	9.0	13		7		72	tr	44		141
CAIRO EZBEKIYA	61	7	28	2	6	6	9	20.2	13.8	68	05	6	18	2	1	6	6	24.4	+7.7	8.4	16	-7	7	-2	76	dr	41	18	
CAIRO GIZA		5	28	2	6	6	9	20.3	14.9	51	05	5	20	1	1	5	4	24.6	+7.0	9.2	18	-4	4	-3	76	tr	41	18	
HELWAN	01	8	26	6	5	4	8	20.2	13.1	43	02	6	00	0	2	7	6	24.8	+7.5	7.5	14	-7	5	-5	74	dr	50	19	143
SUEZ	02	8	30	3	0	5	8	—	15.0	43	21	9	30	3	5	4	8	—	—	12.7	19	-3	9	-2	67	dr	37	12	144
FAIYUM	02	8	30	3	2	6	6	20.6	15.0	36	01	8	26	1	1	4	6	25.1	+8.2	7.9	17	-6	5	-3	72	ρ	75	6	153
UPPER EGYPT																													
MINYA											00	8	26	1	0	0	—	25.1	+7.6	9.5	18	-5	4	-4	65	0	1		154
ASYUT	01	7	26	2	1	3	8	21.1	15.6	33	00	6	20	1	0	0	—	25.1	+7.1	8.0	17	-7	3	-5	72	0	14	4	155
QENA	00	8	26	4	0	0	—	18.7	19.8	27	00	8	02	2	2	0	—	23.2	+7.0	11.4	21	-5	3	-6	51	0	20		156
LUXOR	00	7	26	3	0	0	—	19.5	19.0	26	00	7	08	3	0	0	—	23.5	—	13.8	20		5		38	0	tr		157
ASWAN	00	9	32	5	0	0	—	17.5	18.2	—	00	9	32	4	0	0	—	22.3	+5.3	10.0	19	-8	7	-5	37	0	dr	—	158
DESERT																													
SIWA	03	8	28	3	2	8	4	24.3	16.5	58	00	7	00	0	0	0	—	26.8	+8.2	7.0	17	-5	3	-3	78	0	5	6	148
BAHARIYA	00	9	32	1	0	0	—	22.0	16.5	47	00	9	00	0	0	0	—	26.7	+9.1	9.4	18		5		75	0	7		149
KHARGA	00	9	30	3	0	0	—	20.6	17.1	22	00	8	30	3	0	0	—	24.4	+7.1	9.3	18	-8	6	-1	57	0	4	—	151
DAKHLA	00	8	28	2	0	0	—	21.3	18.9	52	00	7	32	3	0	0	—	26.4	+8.4	8.0	19	-6	3	-4	71	0	tr		152
RED SEA																													
TOR																										0	3	11	145
HURGHADA	00	9	30	5	0	0	—	18.0	17.0	34	01	8	26	4	1	4	8	22.4	+6.7	12.5	18	-5	9	-1	49	0	8	—	146
QUSEIR	00	8	32	4	0	0	—	17.2	20.2	20	00	8	30	4	0	0	—	20.3	+4.9	13.0	20	-4	12	-3	45	0	20	—	147
PORT SUDAN																										0	82	93	169
NORTHERN SUDAN																													
WADI HALFA	00	7	30	6	1	1	1	18	19	19	01	9	30	4	0	5	2	22		11					41	0	0		165
KAREIMA	00	8	04	3	0	2	1	13	27	33	01	8	04	3	1	5	2	18		14					23	0	0	1	166
ATBARA	31	3	02	5	3	9	—	8	30	18	18	5	32	5	0	0	—	13		17					30	0	0	2	167
KHARTUM																										0	tr	4	168
KASSALA	00	7	02	4	0	0	—	2	36	24	00	8	04	3	0	0	—	11		23					57	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	7	32	4	3	0	—	3	36	13	00	7	02	5	0	0	—	12		20					26	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	3	0	0	—	4	33	12	00	9	28	3	0	0	—	11		21					23	0	—	49	182
ROSEIRES	00	7	24	2	0	0	—	3	37	40	00	7	26	2	0	0	—	10		22					53	0	1	36	172
EL OBEID	00	7	32	4	0	0	—	8	28	14	00	8	30	4	0	0	—	15		16					30	0	6	16	174
EL FASHER	05	7	04	3	0	2	—	—	28	12	02	8	30	4	1	5	2	—		13					17	0	5	6	175
GENEINA	05	6	02	4	1	4	—	—	29	17																—	—	4	179
KADUGLI	05	5	02	4	0	0	—	6	33	16	05	5	02	3	0	1	1	11		22					13	0	—	90	187
SOUTHERN SUDAN																													
MALAKAL	05	6	02	4	0	0	—	2	36	22	05	6	32	6	0	0	—	9		23					26	0	48	88	176
WAU	05	6	02	3	0	0	—	4	34	14	00	7	32	3	0	0	—	9		21					20	0	184	149	177
JUBA	00	8	02	2	1	0	—	1	38	16	01	8	32	3	1	4	2	9		27					33	0	149	157	178

UPPER WINDS ON 25th ٢٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN h m	MINYA h m	ASYUT h m	ASWAN h m	WADI HALFA 7 h	KAREIMA 7 h	EL FASHER 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL 7 h	JUBA 7 h
								10 02 55	10 03 60	10 01 35	10 04 25	10 35 50	10 01 55	10 36 20
								15 01 30	15 01 35	15 02 30	15 02 25	15 03 70	15 02 55	15 36 20
								20 33 35	20 33 25	20 06 45	20 36 20	20 06 50		20 04 20
								30 29 50	30 32 45	30 04 35	30 31 15	30 07 35		
								40 28 70		40 01 25	35 30 15			

Forecast for 24 hours from noon on

تنبؤات الطقس في ٢٤ ساعة من ظهر يوم

Mean of day

STATION	Humidity 24th	Diff from normal	Wet bulb 24th	Diff from normal
Almaza	61	-4	7.4	-4.4
Ezbekiya	64	+3	8.6	-2.5
Giza	75	+9	8.4	-2.8
Helwan	63	+14	6.6	-3.6

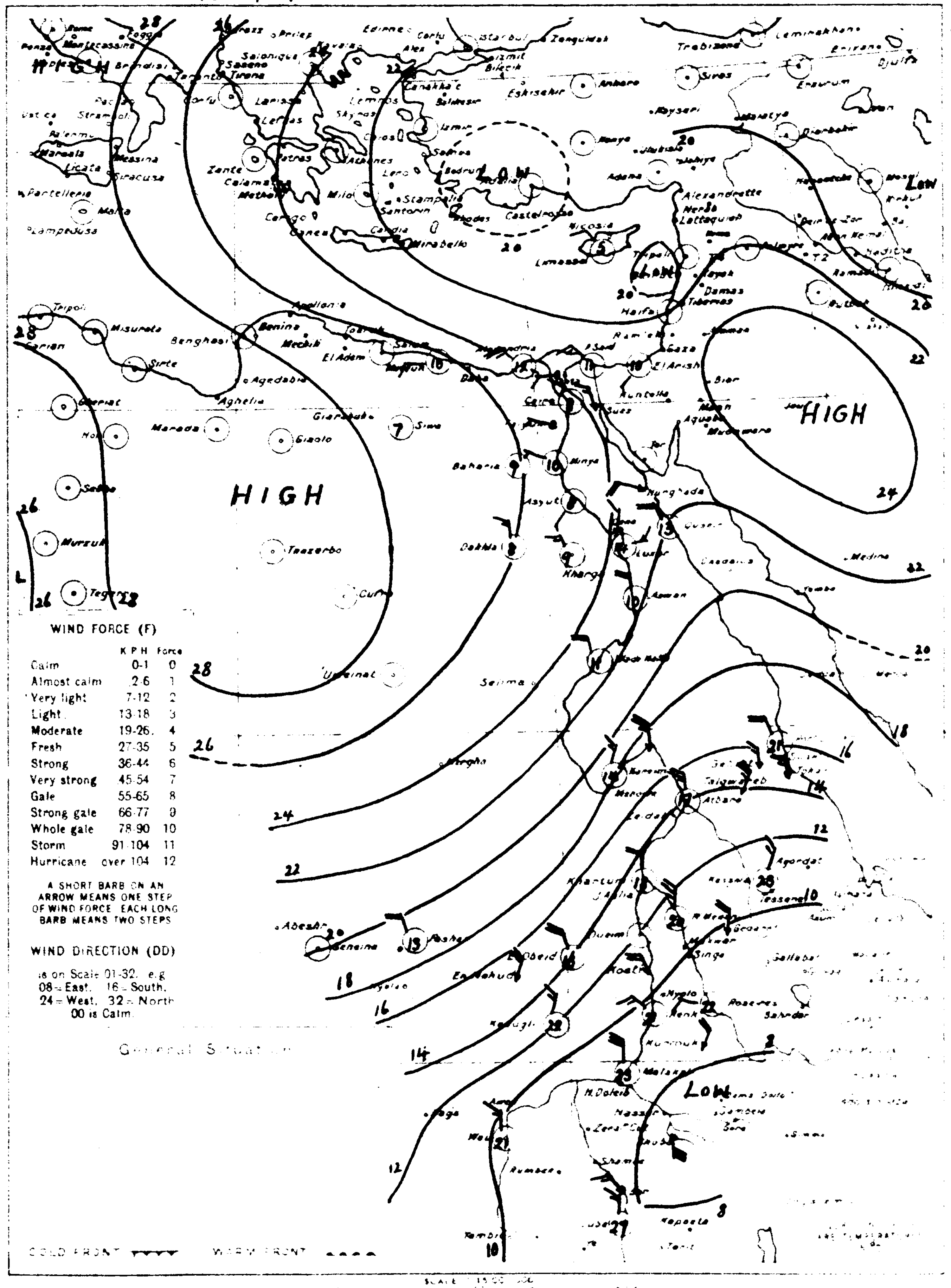
Giza Grass 25th 0.1

Discharge at Aswan (mean) in millions of cubic metres

DATE	1945	1944
25-2	868	810
24-2	868	810

GAUGE	Date 1945	Reading	Diff from normal	Previous day Reading	Previous day Diff from normal
Juba	25-2	—	—	12.54	-0.75
Nasser		5.28	+0.17	5.36	+0.23
Malakal		10.18	-0.19	10.15	-0.23
Roseires		11.63	+0.03	11.65	+0.04
Sennar Res		20.60	—	20.66	—
J Aulia U S		—	—	376.17	—
J Aulia D S		—	—	371.90	+0.68
Khartum		10.66	+0.32	10.67	+0.34
Khashm el Girba		—	—	—	—
Atbara		10.58	+0.39	10.58	+0.38
Kajnarti		132.78	+0.11	132.71	+0.01
Aswan Res		118.65	—	118.63	—
Aswan D.S		85.14	-0.82	85.14	-0.83
Roda (Cairo)		16.31	+0.72	16.24	+0.65

1945-2-25 Isobars, Wind and Temperature at 8 h 25-2-1945.



PRESENT WEATHER

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thick Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder	11
Distant Duststorm	12
Squally	14
Slight Duststorm	15
Rain in last hour	20-29
Slight Thunderstorm	25
Heavy Thunderstorm	29
Duststorm	30-34
Fog	40-49
Mist, Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-54
Rain	60-64
Rain and Fog	67
Rain and Snow	68-69
Showers	80-84

PAST WEATHER (W)

VISIBILITY (V)

CLOUD AMOUNT (N)

CLOUD FORM (C)

STATION محطة	Present weather ww	Visibility V	Wind DD	Wind F	Past weather W	Cloud N	Cloud C	Bar pressure PPP	Diff from normal	Dry bulb	Max yesterday	Diff	Min today	Diff	Humidity	Rainfall past 24 h	Total from Oct 1	Normal from Oct 1
N.Hamadi	00	8	06	1	0	0	—	24.2	—	8.0	17	—	2	—	65	0	16	—
LIMASSOL	00	9	30	2	0	0	—	20.8	+5.6	5	—	—	—	—	—	0	571	373

SHIPS سفن

WATER TEMP. RIVER NILE CAIRO 15.4 °C.

HOURS ARE EGYPTIAN STANDARD TIME (LONG. 30°E) AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME.

Printed by the Survey & Mines Dept. 1939 (39/171)

ANNUAL SUBSCRIPTION INLAND POST P.T. ... AGENDA ...

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Time of Sunrise 06 24 · Sunset 17 52

Month FEBRUARY, 1945 — ١٩٤٥ — شهر فبراير

25th ٢٥ — At 8 h on MONDAY, 26th الاثنين ٢٦

Station	ww	V	DD	F	W	N	h	Max	Min	Hum	ww	V	DD	F	W	N	h	Pressure	Diff	Dry Bulb	Max Yesterday	Diff	Min	Diff	Hum	Rain			No.
MAT…	02	9	30	3	1	5	6	—	13.5	86	20	8	26	2	5	6	6	—	—	11.1	14	-4	8	-2	99	tr.	96	140	131
[illegible]																													150
ALEXANDRIA	02	9	28	4	2	5	6	23.2	14.2	62	01	8	32	2	5	4	8	23.1	+6.3	14.2	16	-4	12	0	60	tr.	235	169	132
[illegible]	20	8	24	3	5	5	6	22.0	14.8	62	01	8	20	2	1	4	8	22.3	—	11.8	15		7		80	dr.	95	90	159
[illegible]	01	8	24	3	6	4	5	21.9	14.8	63	02	8	24	3	2	5	6	21.2	+5.4	12.3	16	-4	10	-2	80	1	72	62	134
[illegible]	01	9	30	1	1	3	8	21.5	13.2	46	01	9	20	1	1	3	8	21.5	+4.5	12.4	16	-3	7	-1	70	0	206	69	135
[illegible]	03	6	28	3	5	8	8	23.2	13.3	66	01	6	24	3	1	3	8	23.2	+6.8	10.4	16	-5	8	0	93	dr.	119	82	136
[illegible]	50	6	28	2	5	5	9	23.2	13.5	70	00	8	28	2	0	0	—	22.6	—	12.0	16	-5	7	-1	76	dr.	46	40	137
[illegible]	02	8	28	2	2	5	8	22.6	16.5	65	01	8	24	2	1	4	4	22.8	+6.0	10.0	17	-4	6	-1	91	0	47	32	138
[illegible]	13	5	18	2	1	5	7	23.8	15.6	60	01	6	16	2	1	3	9	23.6	+6.6	8.9	17	-4	7	0	93	0	41	21	139
[illegible]	01	7	30	2	1	5	8	23.6	14.3	54	01	7	26	2	1	4	4	23.8	—	12.0	16		8		62	0	44		141
[illegible]	02	8	28	3	1	6	9	22.8	15.2	46	09	6	24	2	1	5	6	23.6	+6.9	11.1	18	-5	8	-1	74	0	41	18	
[illegible]	02	8	28	3	1	5	9	22.6	16.8	44	09	5	00	0	1	3	4	23.5	+6.0	12.7	18	-4	6	-1	75	0	41	18	
[illegible]	01	7	28	2	1	5	6	23.0	14.5	39	05	6	00	0	0	3	4	23.8	+6.6	10.5	15	-6	8	-2	69	0	50	19	143
[illegible]	00	8	28	1	0	0	—	—	18.8	55	00	9	00	0	0	0	—	—	—	—	20	-2	9	-2	66?	0	37	12	144
[illegible]	01	8	30	3	1	4	6	23.4	15.8	38	01	7	00	0	1	4	6	24.2	+7.3	11.2	17	-6	7	-1	69	0	75	6	153
MINYA	00	8	32	3	1	2	8	24.2	16.8	36	00	7	24	1	0	0	—	23.8	+6.4	10.7	17	-6	6	-2	64	0	1		154
ASYUT	00	8	30	2	0	0	—	22.8	15.0	39	00	6	22	1	0	0	—	23.2	+5.3	7.8	17	-7	4	-4	64	0	14	4	155
QENA	00	9	26	3	0	0	—	20.2	19.6	24	05	7	24	2	0	0	—	21.8	+5.7	9.2	23?	-4	5	-4	66	0	20		156
[illegible]	00	7	30	2	0	0	—	20.8	20.3	27	00	7	08	2	0	0	—	21.9		14.0	21		5		47	0	tr.		157
ASWAN											02	9	32	4	1	5	1	21.0	+4.1	10.7	20	-7	8	-4	43	0	dr.	—	158
[illegible]	00	8	28	2	0	0	—	25.0	16.2	74	00	6	00	0	0	0	—	26.6	+8.0	6.5	17	-5	2	-4	79	0	5	6	148
[illegible]	00	9	00	0	0	0	—	23.4	15.5	64	00	9	32	1	0	0	—	24.0	+6.4	9.0	17		6		80	0	7		149
[illegible]	00	9	32	3	0	0	—	21.5	15.8	31	00	8	32	2	0	0	—	23.5	+6.3	10.6	17	-9	6	-1	39	0	4	—	151
[illegible]	00	8	32	2	0	0	—	22.2	17.9	57	00	7	28	2	0	0	—	—	—	5.0	18	-7	2	-5	69	0	tr.		152
[illegible]											00	6	30	3	0	0	—	21.4	+5.4	14.1	19	-3	12	+2	81	0	3	11	145
[illegible]	00	9	30	5	0	0	—	20.7	16.4	38	01	8	26	4	1	4	8	21.0	+5.3	13.6	18	-5	9	-2	49	0	8	—	146
[illegible]	00	8	32	6	0	0	—	18.8	17.6	30	00	8	32	4	0	0	—	19.8	+4.5	14.0	18	-6	12	-3	47	0	20	—	147
PORT SUDAN																										0	82	93	169
WADI HALFA	02	7	30	5	1	5	2	19	20	15	00	9	30	4	1	2	2	21		9					50	0	0		165
KAREIMA	01	8	04	4	1	5	2	13	23	11	00	8	04	3	0	0	—	17		14					32	0	0	1	166
ATBARA	18	6	30	4	0	2	1	9	28	18	00	7	32	4	0	0	—	14		19					23	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	04	4	0	0	—	4	33	24	00	8	10	2	0	0	—	9		23					50	0	9	8	170
WAD MEDANI	00	7	02	5	0	0	—	5	34	18	00	8	32	5	0	1	1	11		19					17	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	28	4	0	0	—	5	32	55	00	9	28	4	0	0	—	9?		20					18	—	—	49	182
ROSEIRES	00	7	32	2	0	0	—	—	30	55	00	7	30	2	0	0	—	10		23					50	0	1	36	172
EL OBEID	00	8	02	4	0	3	1	9	27	11	01	8	30	3	1	4	1	14		15					25	0	6	16	174
EL FASHER	01	8	02	3	1	5	1	—	26	11	01	7	02	3	1	4	1	—		14					23	0	5	6	175
GENEINA	01	8	32	5	1	4	2	—	28	11	01	7	02	4	1	5	2	—		15					16	—	—	4	179
[illegible]	01	7	04	4	0	4	2	7	33	10	01	7	20	4	0	4	1	12		22					12	—	—	90	187
MALAKAL	00	7	02	5	0	3	1	3	34	25	00	7	32	5	0	2	4	10		23					27	0	5	88	176
WAU	00	7	32	3	0	0	—	6	31	10																0	184	149	177
JUBA	05	7	12	3	1	5	2	2	36	06	05	6	00	0	1	5	2	12		24					47	0	149	158	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 26th

FASHER 7h	HELWAN 8h 30	ASYUT 7h	ASWAN 7h	WADI HALFA 7h	KAREIMA 7h	GENEINA 7h	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA 7h
10 36 40	02 31 05	02 01 25	02 36 20	10 03 45	10 03 65	10 04 40		10 02 55	10 03 90	10 32 20
15 05 20	05 32 45?	05 01 45	05 01 40	15 35 35	15 36 40	15 06 40		15 04 50	15 04 70	15 02 40
20 07 15	08 30 20	10 36 40	10 02 35	20 29 10	20 35 50	20 07 25	20 01 15	20 05 30	20 04 55	20 35 30
30 07 25	10 32 15	15 34 35	15 35 30	30 32 40	27 31 35	30 05 20	30 31 20	30 05 40	30 07 25	30 33 30
35 07 35		20 33 35				40 07 30		40 04 55		33 31 15
		25 31 55				42 06 20		42 04 50		
		30 30 45								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Humidity on 25th	Diff. from normal	Wet bulb temp. on 25th	Diff. from normal
Alexandria	50	-15	9.5	-2.3
Ezbekiya	68	+7	8.7	-2.5
Giza	69	+3	9.5	-1.7
Helwan	63	+14	7.7	-2.6

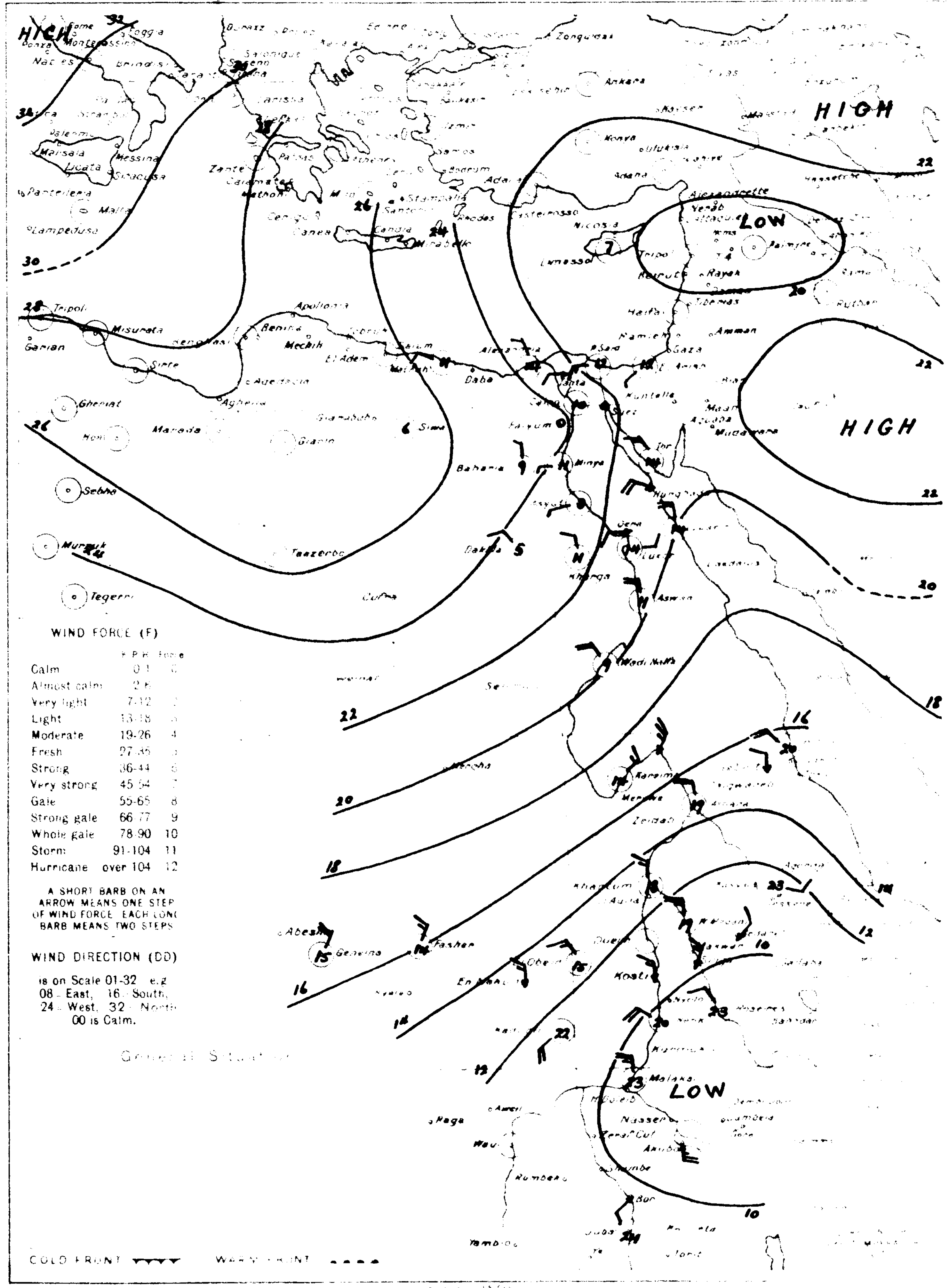
Giza Grass minimum on 26th 2.4 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1945	1944
26-2	868	810
25-2	868	810

Gauge	Reading (1945) m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	—	—	—	—
Nasser	—	—	5.28	+0.17
Malakal	10.20	-0.17	10.18	-0.19
Roseires	11.61	+0.03	11.63	+0.03
Sennar Res.	—	—	20.60	—
J. Aulia U.S.	—	—	—	—
J. Aulia D.S.	—	—	—	—
Khartum	—	—	10.66	+0.32
Kh. el Girba	—	—	—	—
Atbara	10.55	+0.37	10.58	+0.39
Kajnarti	—	—	132.78	+0.11
Aswan Res.	118.65	—	118.65	—
Aswan D.S.	85.14	-0.81	85.14	-0.82
Roda (Cairo)	16.31	+0.73	16.31	+0.72

Surface Wind and Temperature at 8 h. 26 - 2 - 1945 — ١٩٤٥-٢-٢٦



At 8 h on 26th ٢٦

Station محطة	Present weather	Visibility	Wind DD	Wind F	Past weather	Cloud N	h	Pressure	Diff	Dry bulb	Max yesterday	Diff	Min	Diff	Hum	Rain		
N. Hamadi	00	8	00	0	0	0	—	22.3	—	8.1	19	—	3	—	66	0	16	—
Limassol	00	9	00	0	1	2	—	19.6	+4.5	7	—	—	—	—	—	1	572	376

SHIPS سفن

Water Temp. River Nile Cairo 15.4 °C.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. ... ABROAD P.T. ...

CAIRO
Time of Sunrise 06 h 23 m
Sunset 17 h 52 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month FEBRUARY, 1945 — ١٩٤٥ شهر فبراير

At 8 h on 26th — ٢٦ ; At 8 h on TUESDAY 27th — الثلاثاء ٢٧

Station	26th ww	V	DD	F	W	N	C	Bar M.S.L.	Temp	Humidity	27th ww	V	DD	F	W	N	C	Bar M.S.L. 1000+ mbs	Diff. from normal	Dry Bulb	Max. Yesterday	Diff. from norm	Min. Today	Diff. from norm	Humidity	Rain	Total	Normal total	Station Number
SALUM																													130
MATRUH	02	9	24	2	1	6	6	—	14.2	71	02	8	26	3	1	6	6	—	—	11.5	15	-3	3	-7	75	0	96	141	131
DAKHEILA																													150
ALEXANDRIA	02	9	28	4	5	5	6	22.6	15.0	49	02	7	32	4	2	6	6	22.3	+5.5	13.7	17	-3	12	0	52	tr.	236	170	132
DAMIETTA	01	8	28	4	6	4	8	20.6	15.7	61	02	8	20	2	1	5	6	20.7	—	11.0	16		7		77	tr.	95	91	159
PORT SAID	01	8	28	3	1	4	8	20.6	16.9	63	02	8	22	3	5	5	6	20.4	+4.6	12.5	18	-2	10	-2	69	tr.	72	62	134
EL ARISH	01	9	30	1	1	3	8	—	13.3	59	01	9	20	1	1	3	8	19.9	+2.9	13.2	17	-2	9	+1	73	2	208	69	135
DAMANHUR	02	7	28	4	2	6	8	22.0	16.0	50	02	6	32	2	2	5	4	22.0	+5.6	11.4	17	-4	7	-1	71	0	119	83	136
MANSURA	01	8	32	2	5	4	8	21.5	17.0	48	02	7	24	1	2	5	9	22.0	—	9.5	18	-4	6	-2	72	dr.	46	40	137
TANTA	20	7	28	4	6	7	9	21.9	15.0	65	01	7	00	0	1	4	8	22.4	+5.6	9.5	18	-4	4	-3	80	1	48	32	138
ZAGAZIG	13	6	34	3	1	5	9	21.1	16.4	68	00	7	18	2	0	0	—	22.6	+5.7	7.6	19	-3	4	-3	76	0	41	21	139
[illegible]	01	8	02	3	1	4	8	22.2	17.0	52	00	7	00	0	0	1	4	23.0	—	10.3	17	—	6	—	71	0	44		141
[illegible]	01	7	26	4	1	5	8	21.4	17.8	48	08	4	16	1	4	2	4	22.3	+5.7	9.6	19	-4	7	-2	67	0	41	18	
GIZA	01	8	28	3	1	5	8	20.8	17.6	62	08	4	12	2	4	0	—	22.4	+4.9	9.8	18	-4	3	-4	76	0	41	18	
HELWAN	01	8	26	5	1	4	8	21.4	16.6	38	05	6	00	0	0	0	—	22.8	+5.6	8.7	17	-4	6	-4	67	0	50	19	143
[illegible]	13	8	30	2	1	7	8	20.4	17.2	96	00	9	30	2	0	0	—	22.2	+6.9	14.3	18	-4	6	-5	58	0	37	12	144
FAYUM	01	8	32	4	1	4	6	21.2	18.1	61	00	7	00	0	0	0	—	23.1	+6.8	8.6	18	-6	5	-3	76	0	75	6	153
MINIA											00	8	28	1	0	0	—	23.9	+6.5	10.7	19	-4	7	-1	65	0	1		154
ASYUT	00	7	30	2	0	0	—	21.1	16.5	38	00	6	22	1	0	0	—	22.8	+6.0	9.2	19	-5	5	-3	74	0	14	4	155
QENA	01	8	02	3	0	4	1	18.3	21.2	27	05	7	24	2	0	0	—	21.0	+4.9	11.0	24	-3	7	-2	73	0	20		156
LUXOR	00	7	22	3	0	0	—	18.3	21.3	27																	tr.		157
ASWAN	01	9	32	5	1	4	1	17.2	18.6	32	01	9	32	4	1	4	1	19.5	+2.7	12.4	19	-8	10	-2	50	0	dr.	—	158
SIWA	00	8	28	2	0	0	—	24.7	18.8	67	00	7	00	0	0	0	—	26.2	+6.7	8.0	20	-3	3	-3	79	0	5	6	148
BAHARIA	00	9	00	0	0	0	—	23.1	18.0	44	00	9	00	0	0	0	—	25.4	+7.9	10.0	19		6		74	0	7		149
KHARGA	01	9	30	4	1	4	1	—	17.9	42	00	8	30	2	0	2	1	22.2	+5.1	11.7	19	-7	9	+2	56	0	4	—	151
DAKHLA	00	8	28	2	0	0	—	22.4	16.5	60	00	7	04	2	0	0	—	23.8	+6.0	11.5	19	-7	8	+1	72	0	tr.		152
TOR	00	6	30	4	0	0	—	—	17.4	69	00	6	30	3	0	0	—	20.0	+4.0	13.4	20	-2	—	—	97	0	3	11	145
HURGHADA	00	9	30	5	0	0	—	16.7	18.1	—	01	8	28	4	1	3	8	19.9	+4.3	12.2	18	-5	9	-2	68	0	8	—	146
QUSEIR	00	8	32	4	0	0	—	17.2	18.8	52	00	8	30	5	0	0	—	18.4	+3.1	14.6	19	-5	14	-1	52	0	20	—	147
PORT SUDAN																										0	82	93	169
WADI HALFA	01	9	30	5	1	4	2	17	21	17	00	9	30	4	0	1	2	20		12					55	0	0		165
KAREIMA	00	8	04	4	0	1	1	13	27	13	02	8	04	2	1	5	2	17		15					25	0	0	1	166
ATBARA	00	7	04	4	0	1	1	9	29	20	00	7	28	4	0	0	—	14		17					22	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	04	4	0	0	—	4	36	19	00	8	18	2	0	0	—	10		21					53	0	9	8	170
WAD MEDANI	00	7	32	5	0	0	—	6	33	10	00	9	02	4	0	2	—	14		19					12	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	9	30	4	0	0	—	5	36	14	00	9	28	4	0	0	—	—		23					27	—	—	49	182
ROSEIRES	00	7	32	2	0	0	—	6?	33	26	00	7	30	2	0	0	—	11		22					—	0	1	36	172
EL OBEID	01	9	02	4	1	3	1	9	29	11	01	9	30	3	0	3	1	15		16					28	0	6	16	174
EL FASHER	02	8	04	2	1	6	2	—	30	14	01	8	02	2	1	5	2	—		14					27	0	5	6	175
GENEINA	02	8	02	3	1	8	2	—	29	07	02	8	02	4	1	6	1	—		16					12	—	—	4	179
KADUGLI											01	7	04	4	0	4	1	13		23					10	—	—	90	187
MALAKAL	01	8	32	5	1	4	1	5	34	09	00	8	02	4	1	1	4	12		23					15	0	48	88	176
WAU	02	8	06	1	1	8	2	8	38	10	02	8	32	1	1	8	4,2	12		21					50	0	184	149	177
JUBA	05	7	30	1	0	0	—	7	38	11	00	8	18	2	0	0	—	13		24					65	0	149	159	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 27th ٢٧

SALUM	MATRUH	DAKHEILA	CAIRO 9 h 15 m	HELWAN 8 h 45 m	MINYA	ASYUT 7 h	ASWAN 7 h	WADI HALFA 7 h	KAREIMA 7 h	FASHER 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL	JUBA 7 h
			02 03 05	02 18 05		02 01 25	02 36 20	10 02 60	10 04 45	10 05 15	10 12 05	10 36 35		10 31 15
				05 33 20		05 01 40	05 01 50	15 01 30	15 03 35	15 06 15	15 06 10	15 01 55		15 01 30
				08 34 20		10 34 45	10 02 40	20 35 35	20 36 40	20 07 30	20 07 10	20 03 55		20 35 15
				10 34 25		15 36 45	15 33 30	30 36 45	30 32 40		30 05 15	30 03 40		30 35 15
				15 34 30		20 35 40			45 28 35			40 06 35		
				20 33 30		25 33 40						45 04 35		
				23 33 30		30 32 40								
				25 33 40										
				27 33 25										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 26th	Diff. from normal	Wet bulb temp °C on 26th	Diff. from normal
Alexandria	48	-17	9.5	-2.4
Ezbekiya	64	+3	10.2	-1.1
Giza	70	+4	11.0	-0.3
Helwan	55	+6	8.7	-1.7
Giza Grass minimum on 27th		-0.3 °C		

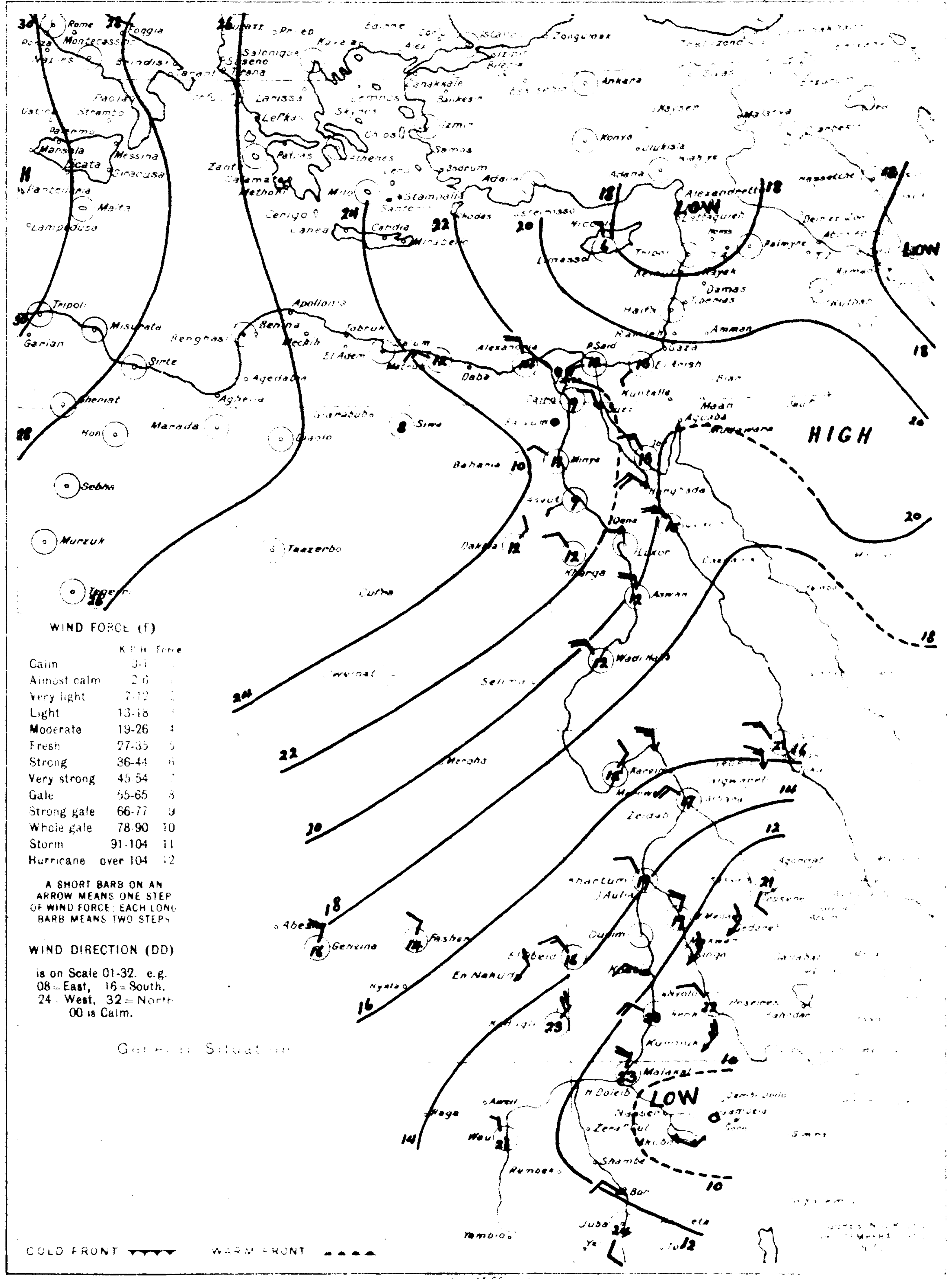
Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
27-2	868	810
26-2	868	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m
Juba		—	—	12.52	-0.77
Nasser		—	—	5.24	+0.15
Malakal		10.19	-0.17	10.30	-0.17
Roseires		11.57	0.00	11.61	+0.03
Sennar Res		—	—	19.56	—
J. Aulia U.S		—	—	376.20	—
J. Aulia D.S		—	—	371.89	+0.70
Khartum		10.70	+0.33	10.70	+0.35
Kh. el Girba					
Atbara		10.53	+0.37	10.55	+0.37
Kajnarti		—	—	133.80	+0.16
Aswan Res.		118.71	—	118.65	—
Aswan D.S.		85.14	-0.80	85.14	-0.81
Roda (Cairo)		16.31	+0.73	16.31	+0.73

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

Isobars, Wind and Temperature at 8 h. 27 - 2 - 1945 — ١٩٤٥-٢-٢٧



At 8 h on 27th ٢٧

STATION	Present weather ww	Visibility V	Wind DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. Pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Diff. from norm	Min. Today	Diff. from norm	Humidity	Rain	Total	Normal total
N. Hamadi	00	8	00	0	0	0	—	21.1	—	9.8	20	—	5	—	65	0	16	—
Limassol	02	7	32	1	1	7	—	17.8	+2.7	6	—	—	—	—	—	3	575	379
SHIPS سفن																		

Water Temp. River Nile Cairo 15.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

CLOUD FORM (C)

Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 15?

CAIRO
Time of Sunrise 06 h 22 m
Sunset 17 h 53 m

Month FEBRUARY, 1945 ١٩٤٥ شهر فبراير

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417

At 14 h on 27th ٢٧ — At 8 h on WEDNESDAY, 28th الأربعاء ٢٨

STATION	27th ww	V	DD	F	W	N	C	Bar. Press M.S.L. 1000+ mbs	Temp.	Humidity	28th Present Weather ww	Visibility V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity	Rainfall Past 24 hrs mms	Total since Oct 1 mms	Normal since Oct 1 mms	Station Number
SALUM																														130
MATRUH	01	9	28	3	1	4	6	20.7	14.9	71	00	9	32	3	0	2	8	21.8	+4.8	14.5	18?	0	7	-3	72	0	96	142	131
DIKHEILA																													150
ALEXANDRIA	01	9	30	6	2	4	8	20.2	16.2	46	01	9	28	7	2	4	8	20.0	+3.3	14.2	16	-4	13	+1	37	0	236	170	132
DAMIETTA	02	8	26	4	2	5	6	19.5	15.1	72	14	8	30	6	5	4	8	17.4	—	13.4	16		10		62	dr.	95	92	159
PORT SAID	02	7	26	3	2	6	6	18.8	16.0	53	14	8	30	7	8	4	6	16.8	+1.0	12.9	17	-3	10	-2	70	3	75	63	134
EL ARISH	01	8	30	1	1	4	8	18.0	16.0	45	01	8	20	1	6	4	8	16.3	-0.6	12.0	20?	+1	8	0	66	6	214	70	135
DAMANHUR	02	6	24	3	2	5	4	20.4	16.0	47	01	6	32	3	1	3	8	19.9	+3.5	13.6	17	-5	10	+2	51	0	119	84	136
MANSURA	01	8	24	2	1	4	9	20.0	16.2	56	01	7	32	2	1	3	8	18.6	—	12.4	18	-4	9	+1	66	0	46	40	137
TANTA	01	8	28	1	1	4	8	20.2	17.9	68	01	8	28	1	1	4	8	19.0	+2.2	11.0	18	-4	8	+1	71	0	48	32	138
ZAGAZIG	02	6	30	2	1	6	8	20.6	16.2	63	01	7	28	2	1	4	8	18.8	+1.9	10.8	17	-5	8	+1	86	0	41	21	139
ALMAZA	01	8	28	2	1	3	6	21.4	16	55	01	7	26	2	1	4	6	20.0	—	12.0	18		11		82	0	44		141
EZBEKIYA	01	7	24	2	1	4	8	20.6	16.8	48	05	6	24	3	1	4	8	20.0	+3.4	12.6	16	-5	10	+1	72	0	41	18	
GIZA	01	6	28	2	1	6	8	20.6	17.6	44	05	6	28	4	1	3	4	20.3	+2.9	13.3	18	-4	8	+1	69	0	41	18	
HELWAN	00	8	28	3	0	2	8	20.4	15.2	40	01	7	26	3	1	4	8	20.2	+3.0	11.0	17	-4	10	0	77	0	50	19	143
SUEZ	00	9	30	3	0	0	—	19.9	17.8	43	02	8	30	4	0	6	8	19.0	+2.7	14.5	19	-3	11	0	60	0	37	12	144
FAYUM	00	8	32	4	0	0	—	20.7	16.8	38	01	8	26	2	1	3	8	20.8	+4.0	11.3	18	-5	7	-1	78	0	75	6	153
MINYA											00	8	30	1	0	0	—	21.8	+4.6	10.4	18	-5	6	-2	62	0	1		154
ASYUT	00	7	30	2	0	0	—	20.4	16.5	38	00	6	22	1	0	0	—	22.2	+4.5	9.8	19	-5	5	-3	65	0	14	4	155
QENA	00	8	24	2	0	0	—	17.6	22.2	28	05	7	24	2	0	0	—	20.6	+4.6	11.2	24	-3	6	-3	68	0	20		156
LUXOR	00	7	30	3	0	0	—	18.0	23.0	21																			157
ASWAN	01	9	32	4	1	3	1	17.9	20.4	16	00	9	32	2	0	0	—	19.8	+3.1	12.8	20	-7	9	-3	40	0	dr.	—	158
SIWA	00	8	00	0	0	0	—	23.8	17.3	72	00	7	00	0	0	0	—	24.6	+6.1	10.5	19	-4	8	+2	81	0	5	6	148
BAHARIYA	00	9	00	0	0	0	—	21.8	17.0	43	00	9	32	1	0	0	—	23.8	+6.3	9.5	19		5		67	0	7		149
KHARGA	00	9	32	3	0	0	—	20.0	17.8	56	00	8	30	3	0	0	—	21.6	+4.6	12.8	19	-7	8	+1	51	0	4	—	151
DAKHLA	00	8	32	3	0	0	—	20.7	18.2	52	00	7	28	2	0	0	—	23.1	+5.4	—	19	-7	6	-1	67	0	tr.		152
TOR	00	6	28	8	0	0	—	16.8	17.2	63	00	6	28	3	0	0	—	18.6	+2.7	15.2	18	-4	13	+3	69	0	3	11	145
HURGHADA	00	9	02	5	0	0	—	17.6	18.2	39	01	8	28	4	1	3	8	18.7	+3.1	15.5	17	-6	9	-2	45	0	8	—	146
QUSEIR	00	8	32	5	0	0	—	17.5	18.0	56	00	8	28	8	0	0	—	17.4	+2.2	15.0	19	-5	12	-3	39	0	20	—	147
PORT SUDAN																										0	82	93	169
WADI HALFA	00	9	03	4	0	2	4	17	22	19	00	8	30	4	1	2	4,1	19		12					35	0	0		165
KAREIMA	00	8	04	3	1	3	1	13	27	13	00	8	04	2	0	0	—	16		17					20	0	0	1	166
ATBARA	00	7	32	4	0	2	1	9	30	9	00	7	32	4	0	3	1	13		18					22	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	02	3	0	0	—	6	33	23	00	8	00	0	0	2	1	11		22					57	0	9	8	170
WAD MEDANI	00	8	32	4	0	3	1	7	33	21	01	9	04	3	1	5	1	12?		26					28	0	8	12	171
DUEIM																										0	4	13	173
RENK	00	4	28	4	0	0	—	6	34	14	00	9	32	4	0	0	—	—		23					18	—	—	49	182
ROSEIRES	00	8	24	2	0	0	—	6	35	32	00	7	30	2	0	0	—	11		22					53	0	1	36	172
EL OBEID	01	9	02	4	1	3	—	8	34	15	02	9	32	3	0	7	1	13		18					30	0	6	16	174
EL FASHER	01	8	08	2	1	4	—	—	28	10	02	8	30	1	1	7	2	—		14					23	0	5	6	175
GENEINA	02	8	04	2	1	5	2	—	32	06	02	8	02	3	1	5	2	—		16					15	—	—	4	179
KADUGLI	00	5	02	4	0	1	—	9	34	15	00	8	04	3	0	1	1	12		24					13	—	—	90	187
MALAKAL	00	8	32	4	0	0	—	7	35	10	00	8	32	3	0	0	—	11		36					7	0	48	88	176
WAU	01	8	09	1	1	6	2	7	34	05	01	8	00	0	1	3	1	12		19					40	0	184	149	177
JUBA	02	8	32	3	1	6	2	7	40	07	05	7	18	3	1	3	4	12		25					28	0	149	160	178

Upper Winds are in the Code HHDDVv where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees, VV is Velocity in kilometres per hour.

UPPER WINDS ... ٢٨

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	GENEINA	FASHER	EL OBEID	MALAKAL	JUBA
				8 h 45 m		7 h	7 h	7 h		7 h	7 h		7 h	7 h
				02 30 20		02 31 15	02 02 20	10 03 50		10 05 30	10 36 15		10 03 60	10 20 20
				05 32 30		05 34 40	05 36 60?	15 01 25		15 08 —	15 07 35		15 04 50	15 32 15
				08 33 70		10 32 45	10 36 30	20 33 35		20 05 20	20 10 10		20 13 05	
				10 33 65		15 34 60	15 35 35	30 31 45		30 01 15	30 07 25		30 15 20	
				15 32 55		20 33 55		35 32 —			40 08 20			
				17 32 65		25 28 50					45 17 30			

Forecast for 24 hours from noon on

[illegible]

Means of day

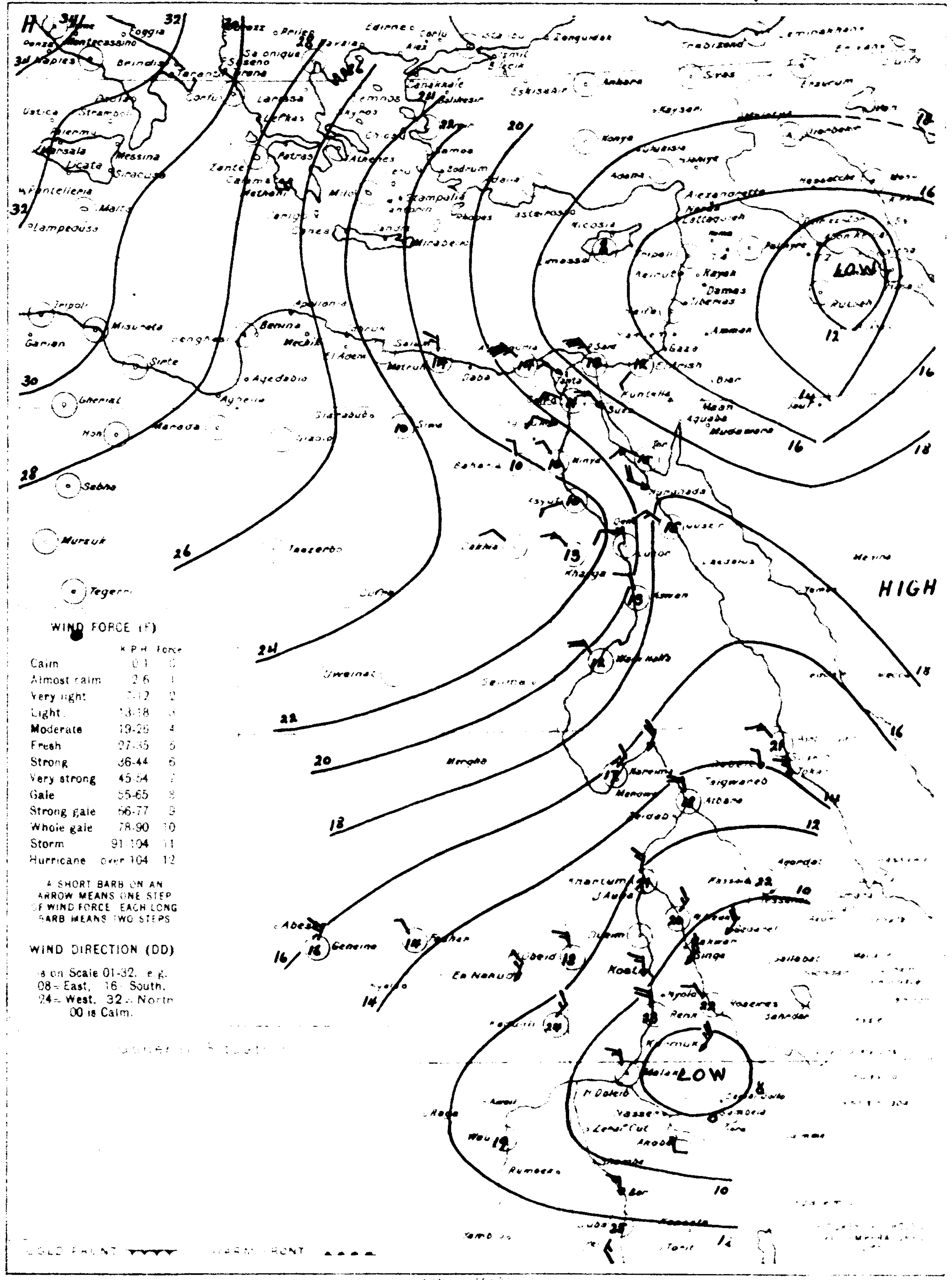
STATION	Humidity 27th	Diff. from normal	Temperature 27th	Diff. from normal
Alexandria	52	-13	10.4	-1.5
Ezbekiya	61	0	9.5	-1.8
Giza	71	+6	10.1	-1.3
Helwan	57	+8	8.2	-2.3
Giza (Grass minimum on)	28th		3.9	—

Discharges at Aswan (million cubic metres per day)

DATE	1945	1944
28-2	868	810
27-2	868	810

GAUGE	Date 1945	Reading	Diff. from normal	Previous day Reading	Diff. from normal
Juba	28-2	—	—	12.52	-0.77
Nasser		—	—	—	—
Malaka		—	—	10.19	-0.17
Roseires		11.54	-0.02	11.57	0.00
Sennar Res.		—	—	19.48	—
J. Aulia U.S.		—	—	376.19	—
J. Aulia D.S.		—	—	371.89	+0.71
Khartum		—	—	10.76	+0.33
Kh. el Girba					
Atbara		10.52	+0.37	10.53	+0.37
Kajnarti		—	—	132.80	+0.19
Aswan Res.		118.70	—	118.71	—
Aswan D.S.		85.12	-0.31	85.14	-0.80
Roda (Cairo)		16.31	+0.73	16.31	+0.73

١٩٤٥ - ٢ - ٢٨ Isobars, Wind and Temperature at 8 h 28-2-1945



At 8 h 28th ٢٨

STATION	ww	V	DD	F	W	N	C	M.S.L.	Diff.	Dry Bulb	Max. Yesterday	Diff.	Min. Today	Diff.	Humidity	Rainfall Past 24 hrs	Total	Normal
N. Hamadi	00	8	00	0	0	0	—	20.7	—	9.2	20	—	3	—	66	0	16	—
Limassol	01	9	00	0	1	5	—	17.0	+2.0	6	—	—	—	—	—	3	578	380

SHIPS

Water Temp. River Nile Cairo 15.4 °C.

HOURS ARE EGYPTIAN STANDARD TIME (LONG. 30°E) AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
...
Heavy thunderstorm

PAST WEATHER (W)

VISIBILITY (V)

CLOUD AMOUNT (N)

CLOUD FORM (C)
Cirrus
Cirro-stratus
Cirro-cumulus
Alto-cumulus
Alto-stratus
Strato-cumulus
Nimbo-stratus
Cumulus
Cumulo-nimbus
Stratus

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/...)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

JUN 22 1945
WEATHER BUREAU

CAIRO
Time of Sunrise 06 21 (h m)
Sunset 17 54 (h m)

Month *March* 1945 ١٩٤٥

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

شهر مارس

١٩٤٥-٣-١ Isobars, Wind and Temperature at 8 h. 1-3-1945

1417 F.C

At 14 h. on 28-2 ٢-٢٨ الساعة ١٤ يوم

Region	Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	Temp. TTT	Humidity UU
Mediterranean	SALUM										
	MATRUH	02	9	32	4	1	5	8	23.4	14.1	67
	DIKHEILA										
	ALEXANDRIA	02	9	32	5	2	5	8	22.0	14.3	38
	DAMIETTA	20	8	28	3	5	5	7	20.3	13.0	70
	PORT SAID	01	8	28	4	6	4	8	19.5	16.5	54
	EL 'ARISH	01	9	30	1	1	3	8	—	17.2	61
Middle Egypt	DAMANHUR	01	7	32	3	1	5	4	20.3	15.8	44
	MANSURA	01	7	02	3	1	4	9	20.8	15.2	54
	TANTA	02	8	28	4	2	5	8	21.2	16.5	65
	ZAGAZIG	01	6	32	3	1	4	8	20.8	16.6	56
	CAIRO ALMAZA	01	7	32	4	1	5	8	21.0	16.6	55
	EZBEKIYA	02	7	28	4	1	5	6	20.6	17.5	47
	GIZA	02	8	28	3	1	5	8	20.4	16.9	41
	HELWAN	01	8	28	5	1	4	8	20.4	15.7	35
	SUEZ	02	9	30	2	0	5	8	20.6	16.0	48
Upper Egypt	FAIYUM	01	8	30	4	1	4	8	20.3	17.8	29
	MINYA										
	ASYUT	01	7	28	2	1	3	8	19.9	19.1	34
	QENA	00	9	26	4	0	0	—	18.2	22.0	36
	LUXOR	00	7	30	4	0	0	—	19.4	21.3	26
	ASWAN	00	9	32	4	0	0	—	17.6	20.5	17
Western Desert	SIWA	00	8	28	4	0	0	—	25.0	19.8	49
	BAHARIYA	00	9	08	1	0	0	—	22.3	19.0	44
	KHARGA	00	9	02	2	0	3	1	20.2	19.8	30
	DAKHLA	00	8	04	3	0	0	—	21.2	19.5	57
Red Sea	TOR	00	6	30	3	0	2	4	18.0	19.1	56
	HURGHADA	00	9	30	5	0	0	—	17.0	19.0	46
	QUSEIR	00	8	02	3	0	0	—	16.4	19.0	50
	PORT SUDAN										
North Sudan	WADI HALFA	01	9	30	4	0	4	1,4	17	22	17
	KAREIMA	00	8	04	3	0	0	—	11	29	08
	'ATBARA	01	7	32	4	1	4	1	9	30	22
	KHARTUM										
	KASSALA	00	8	30	4	0	0	—	6	34	25
Central Sudan	WAD MEDANI	01	8	04	3	1	4	1	6	35	11
	DUEIM										
	RENK	00	9	28	3	0	0	—	5	37	10
	ROSEIRES	00	7	32	2	0	0	—	5	36	40
	EL OBEID	00	9	06	3	1	3	1	9	30	09
	EL FASHER	02	8	04	2	1	6	2	—	24	17
	GENEINA	01	8	05	1	2	3	1	—	33	08
	KADUGLI										
South Sudan	MALAKAL										
	WAU	00	8	00	0	0	0	—	7	36	10
	JUBA	01	8	04	2	0	3	1	6	37	12

At 8 h. on Thursday 1st أول الساعة ٨ يوم

Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temp. Dry Bulb °C TTT	Yesterday Maximum °C MM	Diff. from norm °C mm	Today Minimum °C mm	Diff. from norm °C mm	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM																			130
MATRUH	02	9	04	2	1	4	9	29.0	+12.5	14.2	17	-1	9	-1	72	0	96	143	131
DIKHEILA																			150
ALEXANDRIA	01	9	06	3	2	4	4	28.2	+11.6	14.0	16	-4	13	+1	47	0	236	171	132
DAMIETTA	01	8	04	2	1	3	6	27.5	—	13.4	14	—	7	—	65		95	92	159
PORT SAID	01	8	02	3	1	5	8	27.2	+11.5	14.8	17	-3	9	-3	51	2	77	63	134
EL 'ARISH	01	9	00	0	6	4	8	27.9	+11.1	11.2	18	-1	8	0	56	6	220	72	135
DAMANHUR	01	7	32	2	0	0	—	26.7	+10.3	9.8	17	-5	7	-1	66	0	119	84	136
MANSURA	01	7	02	3	1	3	9	27.6	—	13.2	18	-4	6	-2	64	dr.	46	41	137
TANTA	02	8	28	4	0	0	—	28.2	+11.4	10.0	17	-5	3	-4	74	0	48	33	138
ZAGAZIG	01	6	32	3	0	0	—	26.8	+10.0	10.9	19	-3	5	-2	79	0	41	22	139
CAIRO ALMAZA	01	7	32	4	0	0	—	24.	—	10.0	17	—	6	—	76	0	44	—	141
EZBEKIYA	02	7	28	4	0	0	—	27.1	+10.6	8.4	19	-4	5	-4	78	0	41	19	—
GIZA	02	8	28	3	0	4	—	27.5	+10.3	7.1	18	-4	3	-4	93	0	41	19	—
HELWAN	01	8	28	5	1	4	8	26.8	+9.7	9.9	16	-6	7	-3	64	0	50	20	143
SUEZ	02	9	30	2	0	5	8	27.0	+10.8	11.0	18	-4	10	-1	76	0	37	12	144
FAIYUM	01	8	30	4	1	4	8	27.1	+10.4	9.3	18	-5	5	-3	70	0	75	7	153
MINYA								25.9	+8.7	8.9	20	-4	5	-3	73	0	1	—	154
ASYUT	01	7	26	1	0	0	—	25.5	+8.0	9.3	21	-4	5	-3	67	0	14	4	155
QENA	00	7	02	3	0	3	1	24.0	+8.2	12.0	24	-4	5	-4	54	0	20	—	156
LUXOR	00	7															tr.		157
ASWAN	01	9	32	3	1	4	1	22.2	+5.7	11.4	22	-6	9	-4	48	0	dr.	—	158
SIWA	00	7	28	2	0	0	—	28.0	+9.5	10.5	20	-3	6	0	64	0	5	6	148
BAHARIYA	00	9	00	0	0	0	—	25.4	+8.0	9.0	19	—	6	—	73	0	7		149
KHARGA	00	8	32	3	0	2	1	25.8	+8.9	10.7	20	-7	8	0	57	0	4	—	151
DAKHLA	00	7	16	1	0	0	—	25.8	+8.3	11.2	21	-5	8	0	73	0	tr.	—	152
TOR	00	7	02	2	0	0	—	24.0	+8.2	13.2	20	-2	8	-3	91	0	3	12	145
HURGHADA	00	9	26	4	0	0	—	23.1	+7.6	14.0	20	-4	9	-2	47	0	8	—	146
QUSEIR	00	8	28	6	1	4	6	22.0	+6.9	14.7	20	-4	13	-3	50	0	20	—	147
PORT SUDAN																0	82	94	169
WADI HALFA	00	8	30	1	0	0	—	21		13					38	0	0	—	165
KAREIMA	00	8	06	3	0	1	1	17		18					24	0	0	1	166
'ATBARA	00	7	02	4	0	3		15		19					16	0	0	2	167
KHARTUM																0	tr.	4	168
KASSALA	00	8	32	2	0	0	—	10		24					50	0	9	8	170
WAD MEDANI	00	8	04	4	0	0	—	12		22					41	0	8	12	171
DUEIM																0	4	13	173
RENK																—	—	49	182
ROSEIRES	00	7	30	2	0	0	—	10		23					53	0	1	37	172
EL OBEID	00	8	30	3	0	0	—	14		19					19	0	6	16	174
EL FASHER	00	8	32	1	0	0	—	—		14					32	0	5	6	175
GENEINA	00	8	02	3	0	0	—	—		18					24	—	—	4	179
KADUGLI	00	7	02	3	0	1	1	12		26					20	—	—	91	187
MALAKAL	00	8	32	5	0	0	—	8		26					21	0	48	88	176
WAU	00	8	00	0	0	1	5	11		23					78	0	184	150	177
JUBA	01	8	04	2	0	5	4,5	12		27					33	0	149	161	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 1/3 رياح عليا يوم أول

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	8 h. 45 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.	h. m.	h. m.
				02 06 15		02 04 20	02 07 15	10 02 40	10 04 —		10 06 30	10 02 25		
				05 06 35		05 04 30	05 05 30	15 36 30	15 05 35		15 06 40	15 08 55		
				08 06 65		10 04 40	10 05 30	20 32 25	20 35 25		20 36 15	20 09 35		
				10 05 55		15 04 40	15 03 25	30 31 35	30 31 15			30 10 30		
				15 04 40		20 01 40			40 27 10			36 08 10		
				20 04 35		25 29 65								
						30 32 40								
						35 31 40								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

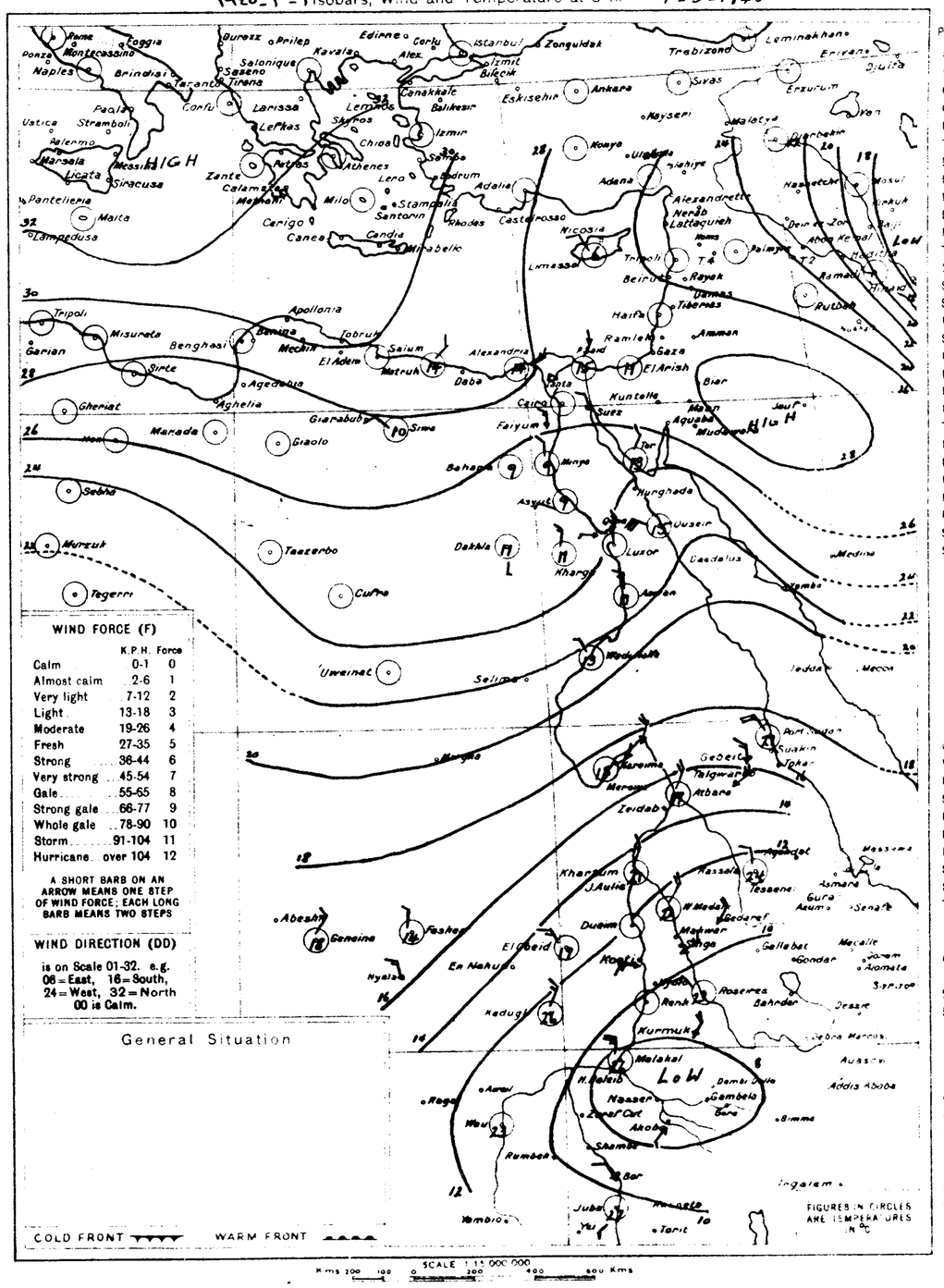
Station	Mean of day: Humidity on 28-2	Diff. from normal	Wet Bulb Temp on 28-2 °C	Diff. from normal
Alexandria	35	-30	8.0	-4.1
Ezbekiya	68	+7	10.4	-1.1
Giza	64	-1	10.0	-1.4
Helwan	63	+14	8.8	-1.7

Giza Grass minimum on 1/3 -0.5 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1945	1944
1-3	810	868
28-2	868	810

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				12.50	-0.79
Nasser				5.20	+0.08
Malakal		10.16	-0.18	10.17	-0.18
Roseires		11.52	-0.02	11.54	-0.02
Sennar Res.				19.41	—
J. Aulia U.S.				376.18	—
J. Aulia D.S.				371.89	+0.72
Khartum				10.72	+0.34
Kh. el Girba					
'Atbara		10.52	+0.38	10.52	+0.37
Kajnarti				132.82	+0.23
Aswan Res.		118.75	—	118.70	—
Aswan D.S.		85.02	-0.89	85.12	-0.81
Roda (Cairo)		16.31	+0.72	16.31	+0.73



At 8 h. on 1/3 الساعة ٨ يوم أول

Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temp. Dry Bulb °C TTT	Yesterday Maximum °C MM	Diff. from norm °C mm	Today Minimum °C mm	Diff. from norm °C mm	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	26	1	0	0	—	—	—	12.0	19	—	6	—	54	0	16	—
Limassol	00	9	26	2	0	0	—	27.0	+12.0	6	—	—	—	—	—	0	578	384

SHIPS سفن

Remarks
Water Temp
River Nile Cairo
15.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thick Haze	05
Dust Devil	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder in sight	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
... of Snow	83, 84
... of Sleet	85, 86
... of Hail	88, 89
Thunderstorm	90-99
... ended now Rain	91
... with Hail	94-96
... with Duststorm	98
... heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ...	1
500 ...	2
1 Kilometre	3
2 ...	4
4 ...	5
10 ...	6
20 ...	7
50 ...	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 h 20 m
Sunset 17 h 56 m

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month *MARCH* 1945 ١٩٤٥ شهر مارس

At 14 h. on *1st* الساعة ١٤ يوم ١ — At 8 h. on *FRIDAY 2nd* الساعة ٨ يوم الجمعة ٢

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. press M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	8h Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALUM																													130
	MATRUH	00	9	04	2	0	2	6	28.8	16.2	88	02	9	12	2	0	5	6	—	—	13.1	18	-1	9	-1	94	0	96	143	131
	DIKHEILA																													150
	ALEXANDRIA	01	9	04	2	2	4	8	28.2	17.5	44	01	8	00	0	2	4	4	25.0	+8.4	13.0	18	-2	9	-3	59	0	236	171	132
	DAMIETTA	00	8	04	3	1	2	8	27.4	15.2	55	01	8	12	3	1	3	8	24.8	—	14.1	17	—	11	—	77	0	95	92	159
	PORT SAID	00	8	08	2	0	0	—	27.5	16.8	51	01	8	08	2	1	4	1	25.2	+9.6	14.1	18	-2	12	0	66	0	77	63	134
	EL 'ARISH											00	9	00	0	0	0	—	23.1	+6.3	12.3	19	0	9	+1	65	0	220	72	135
LOWER EGYPT	DAMANHUR	01	7	32	3	1	3	8	27.0	17.5	42	01	6	04	3	1	3	1	25.4	+9.0	9.8	19	-3	6	-2	76	0	119	84	136
	MANSURA	01	8	04	2	1	3	8	28.0	18.0	42	01	8	04	2	1	3	8	25.0	—	12.2	20	-2	8	0	74	0	46	41	137
	TANTA	01	8	08	2	1	4	8	27.2	19.0	38	00	8	04	2	1	0	—	24.0	+7.2	10.0	20	-2	4	-3	78	0	48	33	138
	ZAGAZIG	00	7	04	2	0	2	8	27.0	16.8	55	00	7	08	2	0	2	8	24.6	+7.8	9.8	17	-5	7	0	82	0	41	22	139
MIDDLE EGYPT (CAIRO)	ALMAZA	00	8	06	4	0	1	8	26	17.0	45	00	7	08	4	0	3	4	26	—	11.3	18	—	8	—	68	0	44	—	141
	EZBEKIYA	00	9	08	4	0	0	—	25.5	18.0	30	05	6	04	2	0	2	4	23.6	+7.1	12.3	18	-5	7	-2	82	0	41	19	—
	GIZA	00	8	06	3	0	0	—	25.9	18.1	27	05	6	04	2	0	1	4	23.6	+6.4	12.8	19	-3	5	-2	68	0	41	19	—
	HELWAN	00	8	04	4	0	0	—	26.2	17.0	28	00	7	00	0	0	1	8	23.6	+6.6	10.7	18	-4	7	-3	56	0	50	20	143
	SUEZ																												12	144
UPPER EGYPT	FAIYUM	00	8	04	4	0	2	3	25.5	19.1	29	01	8	02	2	1	3	8	23.1	+6.4	9.9	20	-3	6	-2	64	0	75	7	153
	MINYA											00	8	32	1	0	0	—	22.6	+5.4	10.2	20	-4	3	-5	59	0	1	—	154
	ASYUT	00	8	30	1	0	0	—	23.0	20.0	28	01	6	32	1	1	3	5	22.0	+4.6	10.0	23	-2	5	-4	42	0	14	4	155
	QENA	01	8	02	3	1	3	1	20.3	21.6	24	01	7	04	3	1	3	1	21.0	+5.2	13 (corrected over 14.6)	23	-5	6	-4	~~33~~	0	20	—	156
	LUXOR	00	7	30	3	0	0	—	21.0	23.0	25																			157
	ASWAN	01	9	32	3	1	4	1	19.0	22.0	22	00	9	32	1	0	0	—	19.2	+2.8	12.4	25	-3	9	-4	50	0	dr.	—	158
WESTERN DESERT	SIWA	00	8	04	3	0	0	—	27.1	18.5	73	03	7	08	2	2	8	5	24.0	+5.5	11.4	20	-3	9	+2	71	0	5	7	148
	BAHARIYA	00	9	00	0	0	0	—	23.1	18.0	44	00	9	32	1	0	0	—	24.0	+6.6	9.0	19	—	6	—	80	0	7	—	149
	KHARGA	01	9	32	2	1	4	2	21.6	19.0	26	00	8	32	2	0	1	1	21.9	+5.0	15.7	20	-7	10	+1	35	0	4	—	151
	DAKHLA	00	8	04	1	0	0	—	20.6	19.8	55	00	7	08	1	0	0	—	20.3	+2.9	10.5	20	-6	7	-1	69	0	tr.	—	152
RED SEA	TOR	00	7	24	2	0	0	—	24.3	17.4	53	00	6	32	1	0	0	—	22.7	+7.0	11.1	19	-4	5	-6	89	0	3	12	145
	HURGHADA	00	9	06	6	0	0	—	24.0	18.0	34	00	9	28	3	0	0	—	22.8	+7.3	14.5	19	-5	9	-2	44	0	8	—	146
	QUSEIR	00	8	32	4	0	0	—	23.1	18.9	44	00	8	30	3	0	0	—	20.4	+5.4	18.2	20	-4	14	-2	46	0	20	—	147
	PORT SUDAN																										0	82	94	169
NORTH SUDAN	WADI HALFA	00	9	30	3	0	0	—	18	22	21	00	9	30	3	0	2	1	17		13					55	0	0	—	165
	KAREIMA	00	8	04	3	0	3	1	12	30	09	00	8	06	1	0	1	2	14		18					37	0	0	1	166
	ATBARA	05	6	04	5	0	0	—	9	33	10	00	7	02	3	0	0	—	12		19					28	0	0	2	167
	KHARTUM																										0	tr.	4	168
	KASSALA	18	6	02	5	0	0	—	6	34	22	00	8	32	4	0	0	—	10		22					57	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	00	8	04	4	0	0	—	6	37	07	00	8	02	5	0	0	—	10		23					41	0	8	12	171
	DUEIM																										0	4	14	173
	RENK	00	9	32	4	0	0	—	4?	38	09												—		—		—	—	49	182
	ROSEIRES	00	7	32	2	0	0	—	7	33	36	00	7	16	2	0	0	—	8		25					54	0	1	37	172
	EL OBEID	00	9	02	4	0	0	—	7	32	13	00	9	32	3	0	0	—	11		21					28	0	6	16	174
	EL FASHER	01	9	04	3	0	4	2	—	31	08	00	8	00	0	0	0	—	—		16					32	0	5	6	175
	GENEINA	01	8	08	2	1	4	1	—	33	10	00	7	02	2	0	2	1	—		18					20	—	—	4	179
	KADUGLI	00	8	32	4	0	0	—	6	37	07	01	7	04	4	0	4	1	10		27					13	—	—	91	187
S. SUDAN	MALAKAL	00	8	32	6	0	0	—	5	37	10	01	8	32	3	1	5	1	8		26					21	0	48	88	176
	WAU	00	8	06	1	1	2	4	7	36	12	02	8	00	0	1	7	4,5	9		23					41	0	184	151	177
	JUBA	02	8	32	2	1	6	4	8	37	13	01	8	16	1	1	4	4	10		26					51	0	149	162	178

UPPER WINDS ON *2nd* الرياح العليا يوم ٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Stations printed: SALUM, MATRUH, DIKHEILA, PORT SAID, HELWAN, MINYA, ASYUT, ASWAN (no entries).

WADI HALFA (7 h.)	KAREIMA (7 h.)	GENEINA (7 h.)	KASSALA (7 h.)	EL OBEID (7 h.)	FASHER (7 h.)	JUBA (7 h.)
10 09 40	10 06 55	10 05 35	10 10 40	10 03 60	10 02 25	10 12 25
15 07 30	15 05 40	20 13 20	15 13 55	15 06 60	15 07 45	15 12 20
20 06 20	20 08 15	30 17 25	20 05 20	20 07 45	20 10 40	20 06 50
	30 36 10	40 19 35		30 10 40	30 13 40	
		50 16 30			40 16 20	
		60 22 25			45 16 30	
					50 20 15	
					60 24 20	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on *1st*	Diff. from normal	Wet bulb temp. °C on *1st*	Diff. from normal
Alexandria	50	-15	9.7	-2.4
Ezbekiya	69	+8	8.6	-3.0
Giza	70	+5	8.5	-2.9
Helwan	46	-3	8.1	-2.5

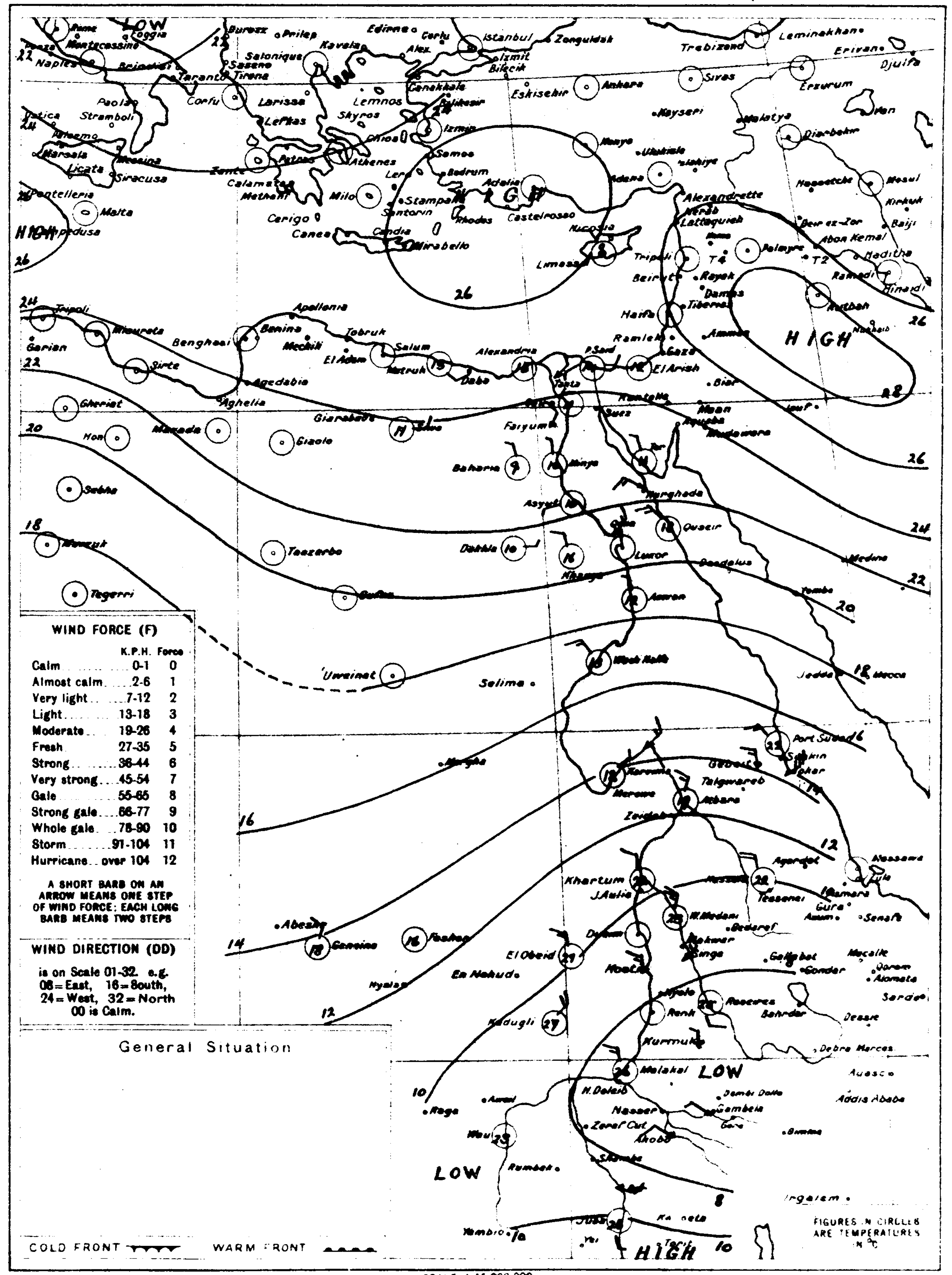
Giza Grass minimum on *2nd* 1.4 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
2-3	810	868
1-3	810	868

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		12.50	-0.78	12.50	-0.77
Nasser		5.15	+0.04	5.17	+0.06
Malakal		10.15	-0.18	10.16	-0.18
Roseires		11.50	-0.03	11.52	-0.02
Sennar Res.		19.28	—	19.33	—
J. Aulia U.S		—	—	376.14	—
J. Aulia D.S		—	—	371.91	+0.75
Khartum		10.70	+0.32	10.70	+0.32
Kh. el Girba					
Atbara		10.52	+0.38	10.52	+0.38
Kajnarti		133.84	+0.30	133.84	+0.29
Aswan Res.		118.76	—	118.75	—
Aswan D.S.		85.01	-0.89	85.02	-0.89
Roda (Cairo)		16.31	+0.72	16.31	+0.72

١٩٤٥-٣-٢ Isobars, Wind and Temperature at 8 h. *2-3-1945*



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT WARM FRONT

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on *2nd* الساعة ٨ يوم ٢

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
N. Hamadi	00	8	00	0	0	3	4	30.0	—	12.2	23	—	6	—	52	0	16	—
Limassol	00	9	30	2	0	0	—	25.5	+10.5	8	—	—	—	—	—	0	578	385

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 15.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150.

CAIRO

Time of Sunrise 06 h 19 m

Sunset 17 h 55 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month MARCH, 1945 ١٩٤٥ شهر مارس

STATION	At 14 h. on 2nd: Present Weather ww	V	Wind Dir DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	At 8 h. on SATURDAY, 3rd: Present Weather ww	Visibility V	Wind Dir DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	02	9	12	2	1	6	8	—	16.1	—																		144	131
DIKHEILA																													150
ALEXANDRIA	01	9	06	3	2	4	8	24.7	18.0	58	03	7	12	2	5	8	5	16.2	-0.8	14.0	20	0	12	0	80	dy.	236	171	132
DAMIETTA	01	8	12	4	1	4	3	21.9	16.7	64	03	7	12	3	2	8	5	15.2	—	15.2	17	—	13	—	87	0	95	92	159
PORT SAID	02	8	04	4	2	5	1	21.9	16.2	70	03	7	06	2	2	8	5	16.8	+1.2	15.2	18	-2	14	+2	88	0	77	63	134
EL ARISH	00	9	30	1	0	0	—	21.6	15.2	53	01	8	00	0	1	5	8	16.2	-0.6	10.8	16	-3	6	-2	90	0	220	73	135
LOWER EGYPT																													
DAMANHUR	01	7	04	3	1	3	1	21.5	20.0	41	03	6	07	2	2	8	5	15.8	-0.6	13.0	21	-1	10	+2	91	0	119	84	136
MANSURA	01	8	02	2	1	3	6	22.0	20.5	52	03	6	08	2	2	8	9	15.6	—	13.2	21	-1	11	+3	93	0	46	41	137
TANTA	01	8	08	4	1	4	2	20.3	21.0	34	03	6	08	1	5	8	7	15.1	-1.7	12.0	22	0	8	0	89	dy.	48	33	138
ZAGAZIG	01	7	06	2	1	3	8	21.4	19.4	45	50	6	02	1	5	8	7	15.8	-0.9	13.2	21	-1	9	+1	90	dy.	41	22	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	01	8	08	3	0	3	2	21	22.1	36	05	5	26	1	5	8	4,5	15.1	—	14.7	23	—	13	—	69	dy.	44	—	141
EZBEKIYA	00	8	04	3	0	3	3	19.0	23.0	34	08	4	00	0	4	8	5	14.4	-2.1	14.7	24	+1	13	+4	70	0	41	19	—
GIZA	01	8	02	2	1	3	4	19.0	22.6	20	08	4	00	0	4	8	5	14.0	-3.1	13.4	23	0	11	+4	75	0	41	19	—
HELWAN	00	9	20	3	0	3	4	18.8	22.9	13	02	7	10	1	2	8	5	15.0	-2.0	15.6	24	+2	12	+2	44	0	50	20	143
SUEZ																												12	144
UPPER EGYPT																													
FAIYUM	01	8	32	2	1	4	6	19.6	21.9	29	02	8	18	2	2	7	5	14.3	-2.3	13.4	23	-1	9	+1	52	0	75	7	153
MINYA	01	9	32	2	1	4	2	18.7	22.6	20	02	7	10	1	2	7	2	14.6	-2.6	13.9	24	0	10	+2	41	0	1	—	154
ASYUT	01	8	32	1	1	3	6	18.6	22.0	24	03	7	08	1	2	8	5	14.3	-3.0	14.3	25	0	11	+2	62	0	14	4	155
QENA	00	9	24	2	1	2	1	16.8	26.4	34	02	7	08	1	0	5	3	15.1	-0.6	15.6	28	0	10	0	70	0	20	—	156
LUXOR	00	7	10	2	0	0	—	16.7	28.0	24																		—	157
ASWAN	01	9	08	2	1	3	1	13.8	28.3	16	00	9	32	1	0	0	—	14.3	-2.0	16.0	29	+1	12	-1	41	0	dy.	—	158
WESTERN DESERT																													
SIWA	03	8	00	0	2	8	5	22.3	16.2	67	03	7	08	2	2	8	5	13.2	-5.2	14.0	17	-6	10	+3	67	dy.	5	7	148
BAHARIYA											03	9	00	0	2	8	—	14.8	-2.6	15.0	20	—	9	—	68	0	7	—	149
KHARGA	01	8	12	1	1	4	1	15.9	24.7	24	01	7	12	1	2	5	2	13.4	-3.4	19.2	26	-1	11	+2	—	0	4	—	151
DAKHLA	00	8	08	2	0	0	—	15.4	25.2	—	00	7	12	1	0	0	—	12.7	-4.6	19.2	26	0	10	+2	72	0	ty.	—	152
RED SEA																													
TOR	00	7	24	1	0	0	—	—	19.9	50	03	6	08	1	0	8	5	15.2	-0.4	16.3	21	-2	11	0	51	0	3	12	145
HURGHADA	00	9	02	3	0	0	—	20.2	19.0	54	02	7	12	2	2	6	0	15.8	+0.4	17.1	22	-2	14	+3	34	0	8	—	146
QUSEIR	00	8	04	3	0	0	—	19.6	20.6	42	02	8	28	2	2	5	5	15.8	+0.9	17.3	21	-3	15	-1	46	0	20	—	147
PORT SUDAN																										0	82	94	169
NORTH SUDAN																													
WADI HALFA	01	9	30	4	1	4	2	12	27	17	01	8	28	2	1	3	4	12		17					37	0	0	—	165
KAREIMA	02	8	06	3	1	5	2	9	33	07																0	0	1	166
ATBARA	00	7	04	4	0	3	1	6	36	07	01	8	32	3	1	3	1	9		21					31	0	0	2	167
KHARTUM																										0	ty.	4	168
KASSALA	00	8	04	3	0	0	—	3	38	13	00	8	04	2	0	0	—	7		26					45	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	02	4	0	0	—	3	39	08	01	7	04	2	1	4	1	8		22					38	0	8	12	171
DUEIM																										0	4	14	173
RENK											00	9	28	3	0	0	—	7		27		—		—	22	—	—	49	182
ROSEIRES	00	7	20	2	0	0	—	3	37	36	00	7	16	2	0	0	—	8o		27					33	0	1	37	172
EL OBEID	00	8	06	3	0	3	2	5	34	12	01	8	00	0	1	3	1	9		22					31	0	6	16	174
EL FASHER	01	8	06	2	1	5	2	—	32	13	02	9	02	1	1	7	4,2	—		19					30	0	5	6	175
GENEINA	00	8	10	3	0	1	1	—	34	11	03	8	04	1	1	8	4,2	—		20					—	—	—	4	179
KADUGLI	00	8	02	3	0	3	1	6	38	11	00	8	24	2	0	1	1	9		26					28	—	—	91	187
S. SUDAN																													
MALAKAL	01	8	14	2	1	4	2	4	38	21	01	8	20	1	1	5	4,5	8		28					45	0	48	88	176
WAU	00	8	04	1	0	0	—	4	38	17	02	8	00	0	1	7	4,5	9		25					48	0	184	151	177
JUBA	02	8	06	3	1	5	8	4	38	25	01	9	16	2	1	3	4	11		27					66	0	149	163	178

UPPER WINDS ON 3rd

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	FASHER	GENEINA	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	8 h. 30 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.
				02 14 25		02 13 25	02 02 10	10 14 30	10 31 10	10 08 15	10 11 35	10 02 20	10 24 25	10 14 10
				05 18 30		05 14 35	05 11 40	15 15 25	15 13 10	15 16 30	15 14 25	15 04 25	15 17 10	15 05 05
				08 17 30		10 14 02	10 16 10	20 17 25	20 12 20	20 22 15	20 05 15	20 05 35	20 24 05	20 33 10
				10 16 35		15 18 35	15 16 35	30 20 25	30 07 05	30 27 15	30 01 15	30 06 55	30 05 02	
				15 13 35		20 21 50		40 22 15	40 14 15			40 07 25		
				20 16 25		25 24 75			45 15 35			45 19 40		
				23 21 25		30 24 80								
				25 24 25										
				30 22 25										
				35 22 40										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

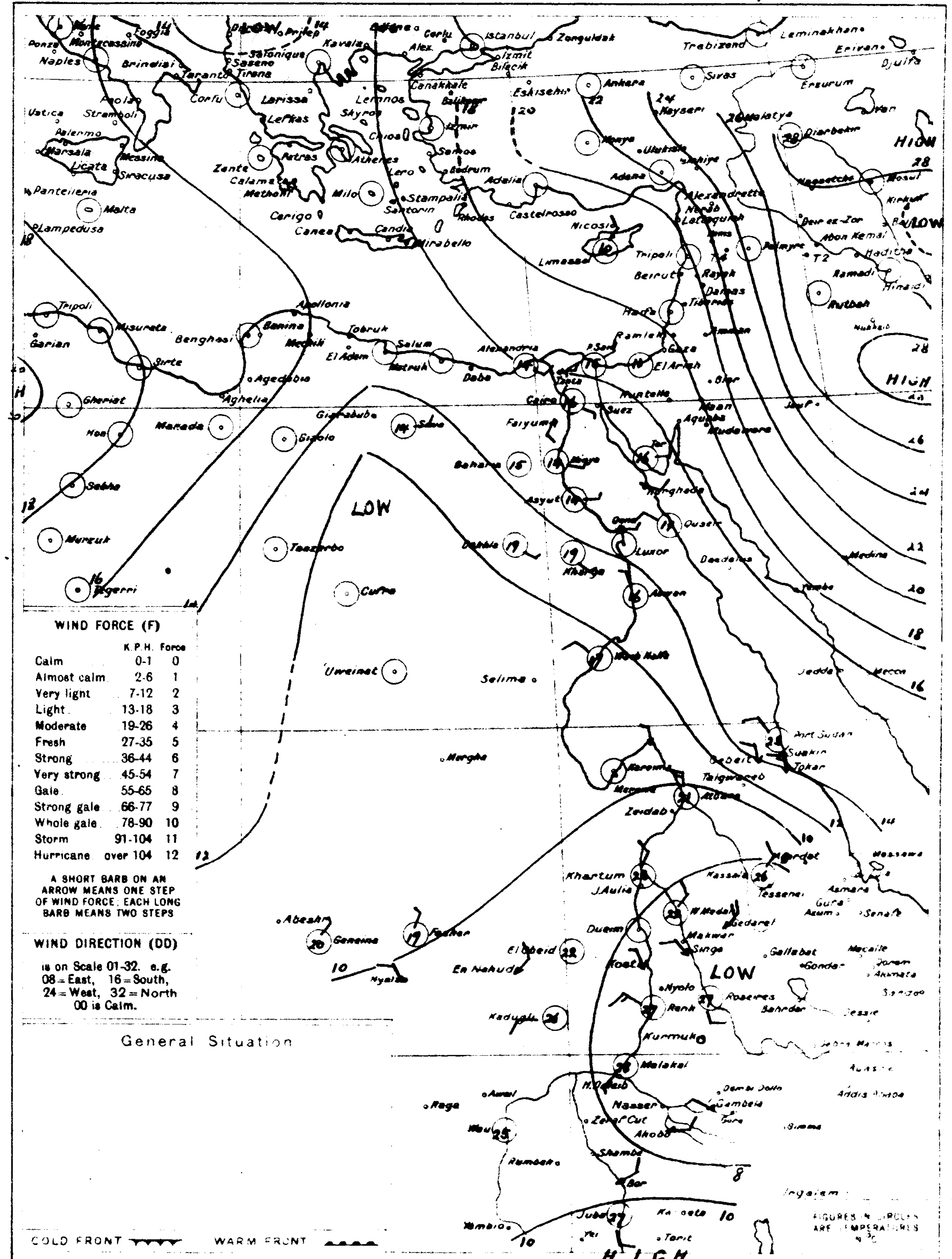
STATION	Mean of day: Humidity % on 2nd	Diff. from normal	Wet Bulb Temp. on 2nd	Diff. from normal
Alexandria	65	0	11.6	-0.6
Ezbekiya	64	+3	12.3	+0.6
Giza	61	-4	11.8	+0.3
Helwan	35	-13	9.1	-1.5
Giza Grass minimum on 3rd			10.0 °C	

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
3 – 3	810	1042
2 – 3	810	868

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	12.50	-0.78
Nasser		—	—	5.15	+0.04
Malakâl		10.12	-0.20	10.15	-0.18
Roseires		11.50	-0.02	11.50	-0.03
Sennâr Res.	NO	—	—	17.28	—
J. Aulia U.S		—	—	—	—
J. Aulia D.S	1	—	—	—	—
Khartûm		—	—	10.70	+0.32
Kh. el Girba	NO				
Atbara		10.56	+0.42	10.52	+0.38
Kajnarti		—	—	132.84	+0.30
Aswan Res.		118.84	—	118.84	—
Aswan D.S.		85.00	-0.89	85.01	-0.89
Roda (Cairo)		16.31	+0.72	16.31	+0.72

Isobars, Wind and Temperature at 8 h. 3 - 3 - 1945 ١٩٤٥-٣-٣



SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

STATION مرصد	At 8 h. on 3rd: Present Weather ww	Visibility V	Wind Dir DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
N.Hamadi	02	8	00	0	1	7	5	14.3	—	14.5	26	—	12	—	54	0	16	—
Limassol	01	9	04	2	0	4	—	19.2	+4.4	10	—	—	—	—	—	0	578	387
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 15.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)	
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
with Rain	91
with Hail	94-96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) — Objects not visible at	
50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise 06h 18m

Sunset 17 56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month MARCH 1945 ١٩٤٥ شهر مارس

١٩٤٥ -٣-٤ Isobars, Wind and Temperature at 8 h. 4-3-1945

STATION	At 14 h. on 3rd (الساعة ١٤ يوم ٣) PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS M.S.L. 1000+ mbs. PPP	°C TEMP. TTT	% HUMIDITY UU	At 8 h. on SUNDAY 4th (الأحد ٤) PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	Total from Oct. 1 mms	Normal from Oct. 1 mms	STATION NUMBER
MEDITERRANEAN: SALUM																												130
MATRUH	21	9	08	4	5	5	8	11.4	17.3	64	01	9	24	5	1	4	8	11.6	15.3	19	0	12	+2	76	1	97	144	131
DIKHEILA																												150
ALEXANDRIA	03	7	12	1	2	8	5	11.6	20.6	55	02	8	28	3	2	5	6	9.0	16.0	22	+2	11	-1	82	0	236	172	132
DAMIETTA	02	8	12	3	2	7	5	12.6	17.6	73	05	6	18	2	0	0	—	8.2	15.2	18	—	10	—	63	0	95	92	159
PORT SAID	03	7	06	2	2	8	5	12.7	16.0	75	00	7	18	3	0	0	—	7.6	16.6	17	-3	14	+2	52	0	77	64	134
EL 'ARISH	01	8	00	0	1	5	8	13.2	18.8	40	00	9	00	0	0	0	—	9.2	15.2	19	0	10	+2	44	0	220	73	135
LOWER EGYPT: DAMANHUR	03	6	04	2	2	8	5	11.5	18.6	66	00	6	20	4	0	0	—	7.9	11.2	20	-2	9	+1	71	0	119	84	136
MANSURA	02	7	04	2	2	5	9	12.3	18.8	61	00	8	16	1	0	0	—	8.2	13.0	20	-2	8	0	66	0	46	41	137
TANTA	21	6	08	1	5	8	7	11.1	19.0	63	00	8	20	3	0	0	—	9.0	12.0	20	-2	7	-1	59	dr.	48	33	138
ZAGAZIG	13	5	08	2	5	8	7	11.6	17.4	77	00	6	20	2	0	0	—	9.0	13.8	19	-3	7	-1	60	dr.	41	22	139
MIDDLE EGYPT: CAIRO ALMAZA	05	5	06	1	2	8	4	12	19.5	55	00	7	18	4	0	0	—	10.0	16.7	20	—	12	—	50	dr.	44	—	141
EZBEKIYA	05	6	00	0	2	8	4	11.5	19.6	41	05	5	16	3	0	0	—	10.0	15.0	20	-3	12	+3	52	dr.	41	19	—
GIZA	06	6	00	0	2	8	4	11.9	20.2	44	05	5	14	2	0	0	—	9.8	14.8	21	-2	11	+4	52	dr.	41	19	—
HELWAN	05	6	22	1	2	8	5	11.4	19.1	34	05	6	16	3	0	0	—	10.6	14.4	23	+1	13	+3	47	dr.	50	20	143
SUEZ																											12	144
UPPER EGYPT: FAIYUM	02	8	30	1	2	7	5	11.6	16.9	62	00	7	18	3	0	0	—	11.0	13.9	18	-6	10	+2	46	0	75	7	153
MINYA	03	8	16	1	2	8	—	11.4	22.3	25	01	7	16	2	1	3	2	12.6	16.4	22	-2	12	+4	36	dr.	1	—	154
ASYUT	02	7	12	1	2	5	5	11.4	21.1	42	00	6	26	1	0	0	—	13.1	15.7	22	-3	13	+4	44	0	14	4	155
QENA	02	7	20	1	2	6	3	10.4	28.6	30	02	7	26	3	2	5	3	12.0	18.0	30	+2	15	+5	62	0	20	—	156
LUXOR	00	7	20	2	0	0	—	11.0	31.5	23	00	7	32	2	0	0	—	10.6	19.0	33	—	15	—	60	0	Tr.	—	157
ASWAN											02	9	00	0	1	5	4	10.3	21.0	33	+5	15	+2	55	0	dr	—	158
WESTERN DESERT: SIWA	00	8	22	2	0	0	—	9.6	25.7	50	00	6	28	4	0	0	—	15.4	12.0	27	+3	11	+4	43	0	5	7	148
BAHARIYA	03	9	32	1	2	8	—	11.6	19.2	45	00	9	32	1	0	0	—	12.7	11.0	21	—	7	—	75	0	7	—	149
KHARGA	02	8	04	1	2	6	2	10.7	28.4	21	01	8	04	2	1	4	2	13.9	—	29	+2	—	—	—	0	4	—	151
DAKHLA	00	8	12	1	0	0	—	10.6	24.5	47	00	7	24	4	0	0	—	14.7	13.2	26	-1	11	+3	77	0	Tr.	—	152
RED SEA: TOR	03	6	00	0	2	8	4	14.3	20.1	54	02	7	32	1	1	6	8	10.7	20.2	22	-1	15	+4	74	0	3	12	145
HURGHADA	03	6	12	1	2	8	0	14.8	22.0	43	01	8	12	1	1	4	8	11.1	22.5	23	-1	17	+6	65	0	8	—	146
QUSEIR	02	8	04	2	1	6	1	13.6	22.4	65	00	8	28	1	0	0	—	10.6	20.8	23	-2	17	+1	58	0	20	—	147
PORT SUDAN																									0	82	94	169
NORTH SUDAN: WADI HALFA	00	8	20	2	1	2	4,1	8	33	15	01	8	00	0	1	4	4	11	22					25	0	0	—	165
KAREIMA	02	7	06	2	1	5	4,1	6	37	08	00	7	08	1	0	0	—	8	23					47	0	0	1	166
'ATBARA	02	7	12	2	1	6	2	4	37	09	00	8	04	2	0	0	—	8	24					34	0	0	2	167
KHARTUM																									0	Tr	4	168
KASSALA	00	8	32	3	0	0	—	99	42	12	00	7	32	1	0	0	—	6	29					49	0	9	8	170
CENTRAL SUDAN: WAD MEDANI	01	7	02	1	1	4	1	1	39	14	02	7	32	1	1	6	6	8	24					34	0	8	12	171
DUEIM																									0	4	14	173
RENK	00	9	16	3	0	0	—	2	40	11	06	7	20	4	4	0	—	8	27					25	—	—	49	182
ROSEIRES	00	7	20	2	0	0	—	3	38	37	00	7	20	2	0	0	—	6	31					33	0	1	37	172
EL OBEID	02	9	00	0	1	6	1	4	38	11	00	8	32	2	0	3	2	8	26					21	0	6	16	174
EL FASHER	02	8	14	2	2	5	1	—	36	12	00	8	00	0	0	1	1	—	20					30	0	5	6	175
GENEINA	01	8	12	1	1	4	2	—	37	13	02	7	00	0	1	5	2	—	19					32	—	—	4	179
KADUGLI	01	8	10	2	0	4	1	3	40	11	02	8	12	3	1	5	1	9	24					61	—	—	91	187
S. SUDAN: MALAKAL	01	7	14	4	1	4	8	3	39	23	61	9	18	4	9	8	9	10	24					74	4	52	88	176
WAU	02	8	10	2	1	5	4	4	36	22	22	8	00	0	6	4	7,4	11	24					69	2	186	152	177
JUBA	01	8	10	5	1	4	8	4	38	16	05	7	20	1	1	4	4,1	11	27					55	0	149	164	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 4th (رياح الطبقات العليا يوم ٤)

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h.45m h. m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 7 h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL h. m.	JUBA 7 h. m.
				02 19 25		02 29 35	02 35 05	10 31 20	10 04 25	10 06 15	10 06 15	10 03 35		10 16 20
				05 23 30		05 31 45	05 36 05	15 20 20	15 01 15	15 01 15	15 10 15	15 02 25		15 09 20
				08 26 35		10 29 30	10 24 30	20 22 20	20 31 05	20 16 15	20 15 15	20 05 10		
				10 25 40		15 22 25	15 25 20	30 23 20	30 25 30	30 16 20	30 20 15			
				15 24 50		30 24 50	20 22 45		40 23 35	40 16 15	40 06 05			
						35 21 55			45 03 35	45 13 15	45 03 15			

Forecast for 24 hours from noon on

STATION	Mean of day: Humidity % on 3rd	Humidity Diff. from norma	Wet Bulb Temp. on 3rd	Wet Bulb Temp. Diff. from norma
Alexandria	80	+15	13.8	+1.5
Ezbekiya	55	-6	11.9	+0.2
Giza	62	-3	13.2	+0.6
Helwan	30	-18	10.8	+0.1

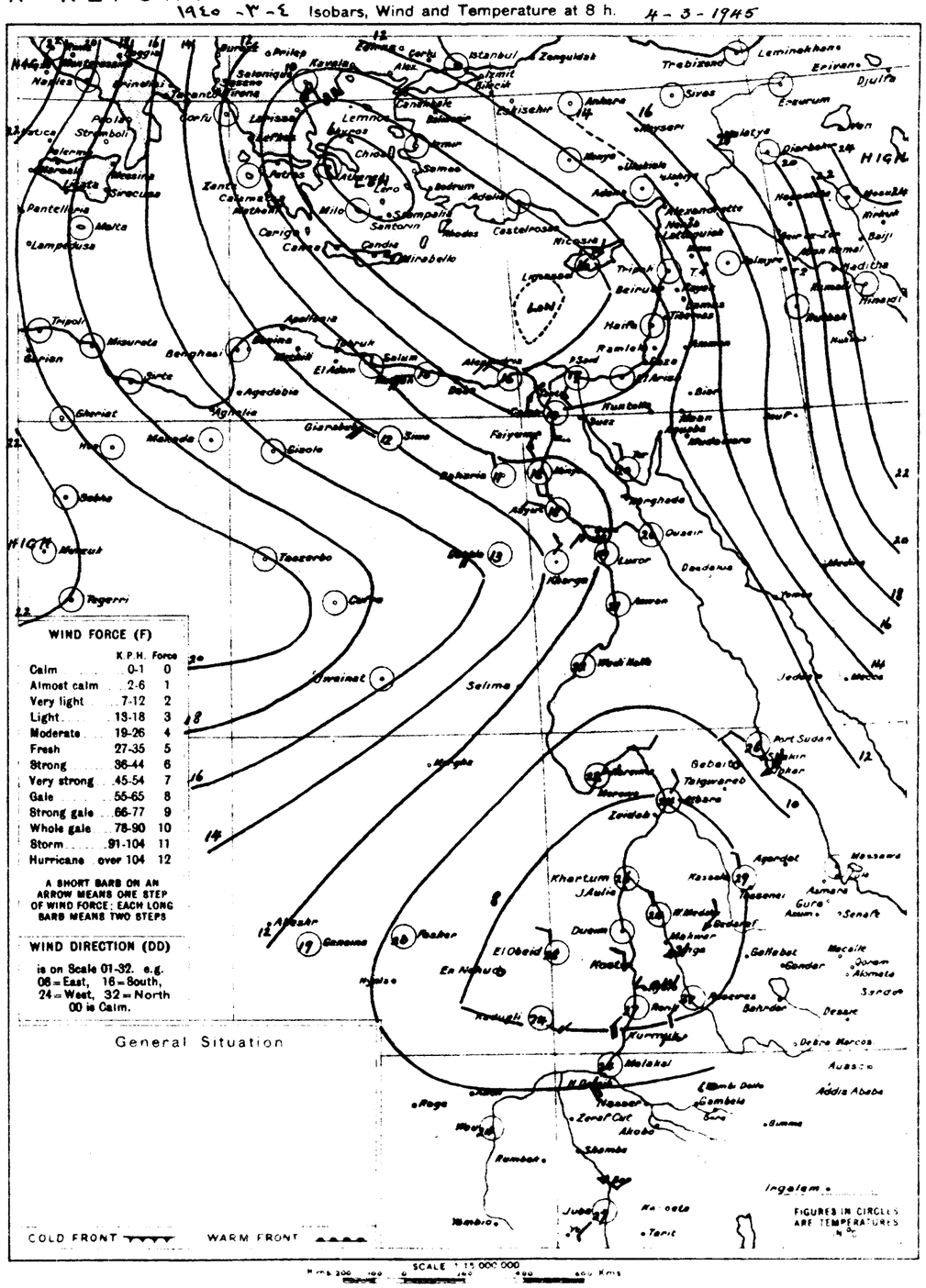
Giza Grass minimum on 4th 6.3 °C

تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر يوم

Discharges at Aswan measured by sluices m.³ per sec

DATE	1945	1944
4-3	810	1042
3-3	810	1042

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jubba		—	—	12.50	-0.78
Nasser		—	—	5.12	+0.02
Malakal		10.11	-0.20	10.12	-0.20
Roseires		11.48	-0.04	11.50	-0.02
Sennar Res		—	—	19.24	—
J. Aulia U.S		—	—	376.21	—
J. Aulia D.S		—	—	371.86	+0.72
Khartum		—	—	16.76	+0.33
Kh. el Girba					
Atbara		10.56	+0.42	10.56	+0.42
Kajnarti		—	—	132.86	—
Aswan Res.		118.91	—	118.82	—
Aswan D.S.		84.99	-0.87	85.00	-0.87
Roda (Cairo)		16.33	+0.74	16.31	+0.72



STATION	At 8 h. on 4th (الساعة ٨ يوم ٤) PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	TEMPERATURE Dry Bulb °C TTT	Yesterday °C MM	Diff. from norm °C	Today °C mm	Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
N. Hamadi	02	8	00	0	1	6	4	13.1	—	17.2	31	—	13	—	48	0	16	—
Limassol	00	9	06	3	0	0	—	7.8	-7.0	16	—	—	—	—	—	42	578	388

SHIPS سفن

Remarks
Water Temp.
River Nile Cairo
15.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
.. of Snow	83, 84
.. of Sleet	85, 86
.. of Hail	88 89
Thunderstorm	90 99
.. ended, now Rain	91
.. with Hail	94 96
.. with Duststorm	98
.. heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ..	1
500 ..	2
1 Kilometre	3
2 ..	4
4 ..	5
10 ..	6
20 ..	7
50 ..	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/334) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 h 17 m
Sunset 17 57

Month March 1945 ١٩٤٥

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 4th ٤ / At 8 h. on Monday 5th ٥

STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp TTT	14h Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
SALUM																													130
MATRUH	01	9	26	5	1	3	8	10.8	16.2	58	21	8	28	5	5	7	9	15.8	-0.9	13.0	17	-2	5	-5	64	dr.	97	145	131
DIKHEILA																													150
ALEXANDRIA	02	9	28	5	2	5	8	10.6	17.2	70	03	7	28	7	5	8	7	12.6	-3.8	14.0	19	-1	10	-2	80	dr.	236	172	132
DAMIETTA	14	7	26	5	1	3	8	9.1	17.6	72	00	7	18	2	0	0	—	12.7	—	12.8	20		7		78	0	95	93	159
PORT SAID	00	7	28	4	0	0	—	8.8	19.9	67	00	8	22	4	0	0	—	13.2	-2.3	14.3	21	+1	11	-1	71	0	77	64	134
EL ARISH	03	7	28	4	2	8	2	8.2	20.8	50	00	9	16	1	0	0	—	13.8	-2.9	16.7	21	+2	10	+1	56	0	220	74	135
DAMANHUR	01	7	28	6	1	4	8	9.8	18.4	65	00	6	20	4	0	3	8	13.5	-2.8	12.2	20	-2	9	0	74	0	119	85	136
MANSURA	02	7	24	2	2	5	6	9.6	20.0	55	00	8	20	2	0	0	—	13.6	—	13.0	21	-1	7	-1	72	0	46	42	137
TANTA	02	8	28	5	2	7	7	10.3	19.5	63	00	8	24	3	0	0	—	15.4	-1.4	10.5	21	-1	8	0	81	0	48	33	138
ZAGAZIG	01	6	24	2	1	4	8	9.9	21.6	66	00	7	20	2	0	0	—	14.0	-2.7	13.2	22	0	9	+1	78	0	41	22	139
ALMAZA	00	7	28	4	0	3	8	11	21.3	59	00	7	21	3	0	3	6	155		14.0	22		10		67	0	44		141
EZBEKIYA	05	7	26	3	0	4	8	10.4	22.6	45	05	6	20	2	1	4	4	15.1	-1.4	14.3	23	0	11	+2	68	0	41	19	
GIZA	01	7	26	3	1	4	8	10.6	24.1	42	00	6	26	3	0	1	4	15.2	+1.8	14.4	25	+3	8	+1	70	0	41	19	
HELWAN	00	8	24	5	0	1	8	10.3	21.7	37	00	6	12	2	0	1	4	15.8	-1.1	11.6	23	0	9	-1	82	0	50	20	143
SUEZ																												12	144
FAIYUM	01	8	32	4	1	4	6	10.6	22.0	42	00	8	22	2	0	0	—	16.2	-0.4	13.0	24	0	9	+1	62	0	75	7	153
MINYA	00	8	28	3	0	0	—	11.1	26.2	23	00	8	02	2	0	0	—	17.0	-0.1	13.8	26	+2	10	+2	49	0	1	—	154
ASYUT	00	7	26	2	0	0	—	12.3	22.2	31	00	7	22	1	0	0	—	17.2	0.0	13.5	24	-1	9	0	61	0	14	4	155
QENA	01	8	22	3	1	4	3	9.4	27.8	32	01	7	26	3	1	3	1	15.6	0.0	15.4	29	+1	11	+1	66	0	20		156
LUXOR	00	7	30	3	0	0	—	11.0	28.0	22	00	7	26	3	0	0	—	15.0	—	18.0	29	—	14		36	0	tr.		157
ASWAN	02	9	32	1	1	5	4	6.8	31.0	22	02	9	32	5	1	5	8	14.8	-1.3	17.8	32	+4	17	+4	38	0	dr.	—	158
SIWA	00	8	28	5	0	0	—	15.9	20.2	46	03	7	24	2	2	8	5	19.1	+0.7	11.0	21	-3	9	+2	75	0	5	7	148
BAHARIYA	00	9	32	1	0	0	—	13.0	19.0	38	00	9	32	1	0	0	—	18.0	+0.7	12.0	20		6		59	0	7		149
KHARGA	02	8	04	3	2	7	2	12.4	19.8	51	00	8	32	2	0	1	1	17.1	+0.4	15.6	20	-7	11	+1	48	0	4	—	151
DAKHLA	00	8	28	2	0	0	—	13.5	22.5	58	00	7	24	4	0	0	—	18.8	+1.7	12.0	23	-4	7	-1	63	0	tr.		152
TOR	00	6	16	1	0	0	—	8.3	25.4	66	00	6	28	2	0	1	2	14.6	-0.9	20.1	26	+3	16	+4	26	0	3	12	145
HURGHADA	00	9	12	1	0	0	—	9.8	25.5	48	01	8	30	4	1	4	8	14.6	-0.8	19.0	27	+3	15	+4	63	0	8	—	146
QUSEIR	00	8	08	3	0	0	—	7.6	24.0	74	00	8	30	2	0	0	—	12.7	-2.2	18.6	26	+1	18	+2	49	0	20	—	147
PORT SUDAN																										0	82	94	169
WADI HALFA	01	7	28	4	1	4	1,4	8	32	09	01	7	30	5	0	4	4	14		17					37	0	0	—	165
KAREIMA	00	8	04	2	0	3		4	39	10	00	7	02	2	0	1	4	11		22					19	0	0	1	166
ATBARA	01	8	06	1	1	3	1,4	3	38	21	00	8	02	3	0	0	—	7		25					19	0	0	2	167
KHARTUM	•																									0	tr.	4	168
KASSALA	00	7	32	2	0	0	—	99	42	17	00	8	18	1	1	0	—	5		27					46	0	9	8	170
WAD MEDANI	02	9	00	0	1	6	6	2	38	18	00	8	32	1	0	2	1	7		25					36	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	24	3	0	0	—	3	43	15	05	4	20	2	1	0	—	7		27					45	—	—	49	182
ROSEIRES	00	7	16	2	0	0	—	2	39	34	02	7	22	2	1	6	4	6		30					38	0	1	37	172
EL OBEID	00	8	00	0	0	0	—	2	37	17	00	8	30	2	0	0	—	8		26					21	0	6	16	174
EL FASHER	01	8	10	2	1	4	4	—	37	10	02	8	04	2	1	6	4	~~9~~		25					21	0	5	6	175
GENEINA	02	8	04	2	1	6	2	—	38	11	05	6	02	3	1	2	1	[struck out]		22					19	—	—	4	179
KADUGLI	02	8	16	4	1	6	1	6	35	25	00	8	28	4	0	1	1	7		27					42	—	—	91	187
MALAKAL	01	8	20	4	6	5	4	5	34	36	25	7	06	2	8	7	6	7		26					62	tr.	52	88	176
WAU	01	8	04	1	1	4	4	7	33	36	01	8	00	0	1	5	4	9		25					58	0	186	152	177
JUBA	01	8	12	3	0	3	8	4	39	17	00	8	06	2	1	1	4	10		29					46	0	149	165	178

UPPER WINDS ON 5th ٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 30 m.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 7 h.	Fasher (KHARTUM) 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA 7 h.
				02 16 10		02 31 20	02 34 25	10 01 40	10 02 35	10 05 20	10 06 15	10 03 30	10 16 30	10 04 15
				05 25 20		05 33 45	05 35 45	15 29 15	15 34 20	15 18 15	15 07 20	20 03 15	15 19 10	15 03 20
				08 27 50		10 32 50	10 36 20	20 23 35	20 29 15	20 15 20	20 08 20	30 05	20 16 10	20 02 20
				10 27 50		15 32 35	15 25 25	30 24 50	30 29 15	30 15 05	30 01 10	40 04 30	30 14 05	
				15 25 45		20 30 25	20 25 40		40 22 30	45 13 20		45 09 25	40 03 15	
				18 25 60		25 26 65?	25 24 40		45 23 25	50 15 25		50 12 45	45 04 20	
						30 25 75?			50 23 25	51 15 20		60 13 25		
										60 15 15				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 4th	Diff. from normal	Wet bulb temp °C on 4th	Diff. from normal
Alexandria	71	+6	13.4	+1.1
Ezbekiya	50	-11	12.7	+0.9
Giza	57	-8	13.5	+1.8
Helwan	47	-1	12.0	+1.3

Giza Grass minimum on 5th 4.5 °C

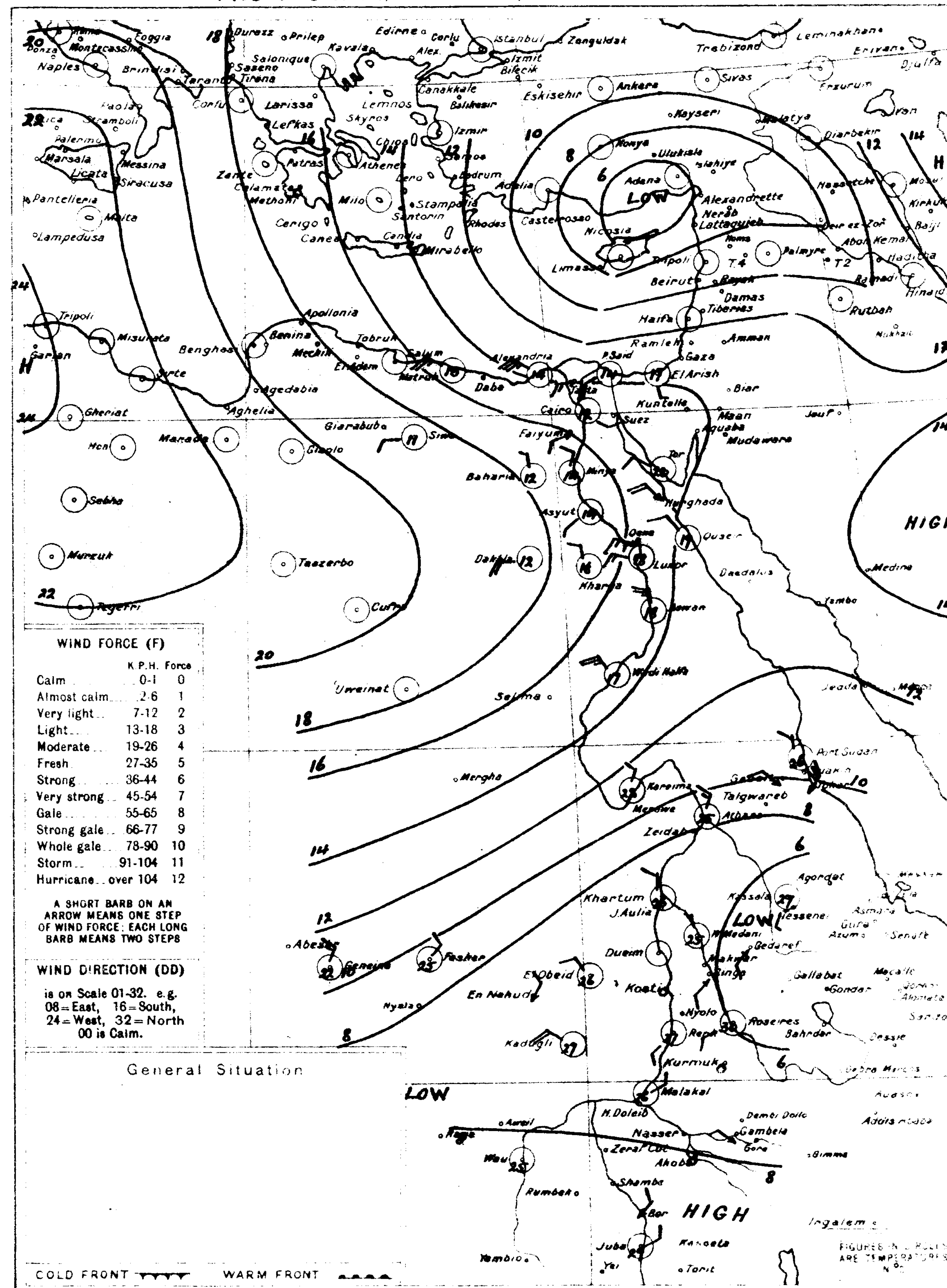
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
5-3	810	1389
4-3	810	1042

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nasser				5.08	+0.02
Malakâl		10.68	-0.22	10.11	-0.20
Roseires		11.47	-0.04	11.48	-0.04
Sennâr Res.				19.17	—
J. Aulia U.S				376.21	—
J. Aulia D.S				371.85	+0.72
Khartûm				10.72	+0.37
Kh. el Girba					
Atbara		10.56	+0.43	10.56	+0.42
Kajnarti				132.82	+0.32
Aswân Res.		118.95	—	118.91	—
Aswân D.S.		85.01	-0.86	84.99	-0.89
Roda (Cairo)				16.33	+0.74

Printed by the Survey & Mines Dept. 1933 (38/554) 1939 (39/777)

١٩٤٥-٣-٥ Isobars, Wind and Temperature at 8 h. 5-3-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 5th ٥

STATION محطة	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	3	4	16.4	—	14.6	24	—	10	—		0	16	—
Limassol	02	7	22	5	6	5	—	7.2	-7.5	14	—	—	—	—	—	4	582	390
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 15.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	[illegible]
Thunder	[illegible]
Distant Duststorm	[illegible]
Squally	[illegible]
Slight Duststorm	[illegible]
Rain in past hour	20-29
Slight Thunderstorm	26
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick haze	40-49
Mist, Fog in last hour	41
Thick	42
Fog in patches	43
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	[illegible]
of Sleet	[illegible]
of Hail	[illegible]
Thunderstorm	90-99
with Hail	[illegible]
with Duststorm	[illegible]
Heavy, with Hail	99

PAST WEATHER (W)

Clear, light cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, Thick dust	4
Drizzle	5
Rain	6
Snow, Sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2-3 Tenths	3
4, 5, 6 Tenths	4
7-8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	[illegible]
Cirro stratus	2
Cirro cumulus	[illegible]
Alto cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo stratus	[illegible]
Cumulus	[illegible]
Cumulo-nimbus	[illegible]
Stratus	[illegible]

CAIRO

Time of Sunrise 06h 16m

Sunset 17 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month March 1945 — شهر مارس ١٩٤٥

١٩٤٥-٣-٦ Isobars, Wind and Temperature at 8 h. 6 - 3 - 1945

STATION	At 14 h. on 5th (الساعة ١٤ يوم ٥) PRESENT WEATHER ww	VISIBILITY V	WIND Dir DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS M.S.L. 1000+ mbs PPP	TEMP. Dry Bulb °C TTT	HUMIDITY % UU	At 8 h. on Tuesday 6th (الساعة ٨ يوم الثلاثاء ٦) PRESENT WEATHER ww	VISIBILITY V	WIND Dir DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Yesterday Maximum °C MM	Diff. from norm. °C	Today Minimum °C mm	Diff. from norm. °C	HUMIDITY % UU	RAINFALL Past 24 hrs. mms	Total from Oct 1 mms	Normal from Oct 1 mms	STATION NUMBER
MEDITERRANEAN: SALUM																														130
MATRUH	01	9	28	3	5	4	8	17.2	13.2	61	03	8	24	2	2	8	6	21.1	+4.4	11.3	14	-5	10	0	74	dr	97	145	131
DIKHEILA																														150
ALEXANDRIA	02	9	28	6	2	5	8	16.0	15.5	45	02	9	00	0	1	5	6	19.9	+3.5	14.2	16	-4	11	-1	48	0	236	172	132
DAMIETTA	14	8	28	5	1	5	8	14.7	15.1	65	02	7	20	2	2	5	6	20.4	—	13.6	18	—	8	—	70	0	95	93	159
PORT SAÏD	14	7	26	5	1	4	6	14.7	17.1	63	02	8	30	3	2	5	6	20.8	+5.3	15.0	20	0	11	-1	56	0	77	64	134
EL 'ARISH	01	8	28	4	1	4	8	14.2	17.7	61	03	7	20	1	2	8	9	20.8	+4.2	12.4	21	+1	9	0	66	0	220	74	135
LOWER EGYPT: DAMANHUR	01	6	24	5	1	4	8	15.8	16.3	55	01	6	04	3	1	3	8	20.8	+4.5	12.0	17	-5	9	0	65	0	119	85	136
MANSURA	02	7	30	3	28 5	9		15.5	16.2	59	01	7	04	2	1	3	6	21.1	—	13.0	18	-4	8	0	61	2	46	42	137
TANTA	01	8	28	5	1	4	8	15.4	17.0	61	01	8	00	0	1	4	4	21.2	+4.4	11.0	19	-4	6	-2	71	0	48	33	138
ZAGAZIG	02	7	24	3	1	5	8	15.9	18.6	62	02	5	20	2	1	6	7	21.1	+4.5	9.4	21	-2	6	-2	92	0	41	22	139
CAIRO: ALMAZA	01	7	28	4	1	4	8	16	20.0	31	02	8	28	1	1	6	6	21.6	—	11.0	20	—	10	—	63	0	44	—	141
EZBEKIYA	02	8	22	3	1	5	8	15.8	19.4	37	08	4	28	1	4	5	6	21.2	+4.8	11.5	21	-3	7	-3	68	0	41	19	—
GIZA	02	8	22	2	1	5	4	15.1	21.4	36	09	6	30	1	4	5	4	21.1	+4.1	9.9	22	-1	3	-4	74	0	41	19	—
HELWAN	01	9	26	4	1	4	8	15.4	18.5	34	05	6	30	1	0	3	6	20.7	+3.8	10.0	20	-3	6	-4	68	0	5a	20	143
SUEZ																												13	144
MIDDLE EGYPT: FAIYUM	01	8	32	4	1	4	8	15.8	19.9	34	00	8	02	2	0	0	—	21.4	+4.8	10.8	20	-4	6	-2	63	0	75	7	153
MINYA	00	9	28	3	1	0	—	16.0	23.1	24	01	7	32	3	1	3	5	21.1	+4.1	11.0	23	-1	6	-3	65	0	1	—	154
ASYUT	00	7	28	3	0	0	—	15.6	21.1	27	01	7	20	1	1	3	2	19.9	+2.8	10.5	22	-3	6	-3	70	0	14	4	155
QENA	00	9	26	3	1	0	—	13.6	25.4	27	01	7	24	1	1	4	1	17.6	+2.1	13.4	26	-3	9	-1	71	0	20	—	156
LUXOR	00	7	28	3	0	0	—	14.6	25.0	22	00	7	28	2	0	0	—	17.9	—	14.8	25	—	10	—	56	0	tr.	—	157
ASWAN											01	9	32	3	5	3	1	15.6	-0.4	16.2	24	-5	13	0	40	dr	dr.	—	158
RED SEA: SIWA	00	8	24	4	0	0	—	19.9	17.0	52	00	7	00	0	0	0	—	23.2	+4.9	6.5	18	-6	2	-5	78	0	5	7	148
BAHARIYA											00	9	32	1	0	0	—	—	—	6.5	19	—	3	—	64	0	7	—	149
KHARGA	00	9	32	3	0	1	1	15.5	22.2	70	01	8	32	3	1	4	1	19.2	+2.6	13.0	23	-5	11	+1	59	0	4	—	151
DAKHLA	00	7	28	5	0	0	—	16.6	20.0	32	00	7	32	2	0	0	—	21.4	+4.4	12.2	22	-5	8	-1	61	0	tr.	—	152
TOR	00	6	28	2	0	0	—	13.8	22.2	52	02	6	28	2	0	5	2	17.2	+1.8	16.4	22	-1	—	—	76	0	3	12	145
HURGHADA	00	9	02	4	0	0	—	13.8	21.7	45	02	8	28	5	2	5	1	18.2	+2.9	16.7	22	-2	11	0	52	0	8	—	146
QUSEIR	00	8	02	3	0	0	—	12.6	21.4	61	00	8	32	4	0	0	—	15.9	+1.1	18.0	23	-2	16	0	55	0	20	—	147
PORT SUDAN																										0	82	94	169
NORTH SUDAN: WADI HALFA											00	8	30	4	0	0	—	15		16					30	0	0	—	165
KAREIMA											00	8	04	3	0	1	4	12		21					20	0	0	1	166
ATBARA	18	6	32	4	0	0	—	3	38	19	00	7	32	5	0	0	—	8		23					38	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	02	3	0	0	—	99	43	12	00	8	00	0	0	0	—	8		22					78	0	9	8	170
CENTRAL SUDAN: WAD MEDANI	00	8	30	3	0	2	4	2	39	12	00	7	32	4	0	2	1	7		26					32	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	8	20	3	0	0	—	3?	39	20	00	9	28	3	0	0	—	7		27					23	—	—	49	182
ROSEIRES	00	7	16	2	0	0	—	1	39	40	00	7	00	0	0	0	—	7		29					33	0	1	37	172
EL OBEID	00	8	00	0	0	3	1	3	37	14	00	8	30	4	0	0	—	10		22					29	0	6	16	174
EL FASHER	02	8	00	0	1	6	1,4,5	—	34	16	05	5	04	3	1	6	4,5	—		23					20	0	5	6	175
GENEINA	00	7	00	0	0	0	—	—	33	15	05	6	07	2	0	0	—	—		23					26	—	—	4	179
KADUGLI	02	8	32	2	3	6	4	2	39	20	00	7	04	3	0	3	1	9		28					18	—	—	91	187
S. SUDAN: MALAKAL											01	8	02	4	1	3	4	7		30					25	0	52	88	176
WAU											01	8	00	0	1	4	4	9		24					61	0	186	153	177
JUBA	00	8	20	2	0	1	8	5	38	19	00	8	00	0	1	2	4	10		28					45	0	149	166	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 6th — الرياح العليا يوم ٦

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	Cairo h. m.	HELWAN h. m.	MINYA h. m.	ASYUT h. m.	ASWAN h. m.	WADI HALFA h. m.	KAREIMA h. m.	KHARTUM h. m.	Fasher h. m.	GENEINA h. m.	MALAKAL h. m.	JUBA h. m.
			10 h. m.	8 h. 45 m		7 h. m.	7 h. m.	7 h. m.			7 h. m.	7 h. m.	7 h. m.	7 h. m.
			02 03	05 02	03 15	02 35	25 02	01 20	10 03	—	10 05	15 10	04 25	10 04 45	10 06 20
			05 03	15 05	02 15	05 03	45 05	02 35	15 16	20	20 13	15 15	13 40	15 04 40	15 07 25
			10 03	15 08	01 15	10 35	30 10	03 05			30 12	15 20	10 20	20 04 25	20 07 —
			15 03	15 10	01 20	15 35	20 15	21 25			40 12	15 30	18 10	30 06 20	30 13 15
			18 31	10 15	33 15	20 28	15 20	24 25			45 13	30 40	15 15		
			20 28	10 17	27 —	25 25	25 25	27 45			50 14	30 50	13 20		
				Expl. Cu.								60 18	15		

Forecast for 24 hours from noon on

STATION	Mean of day HUMIDITY % on 5th	Diff. from normal	WET BULB TEMP °C on 5th	Diff. from normal
Alexandria	65	0	10.1	-2.3
Ezbekiya	56	-5	11.3	-0.6
Giza	63	-2	11.6	-0.2
Helwân	62	+14	10.1	-0.7

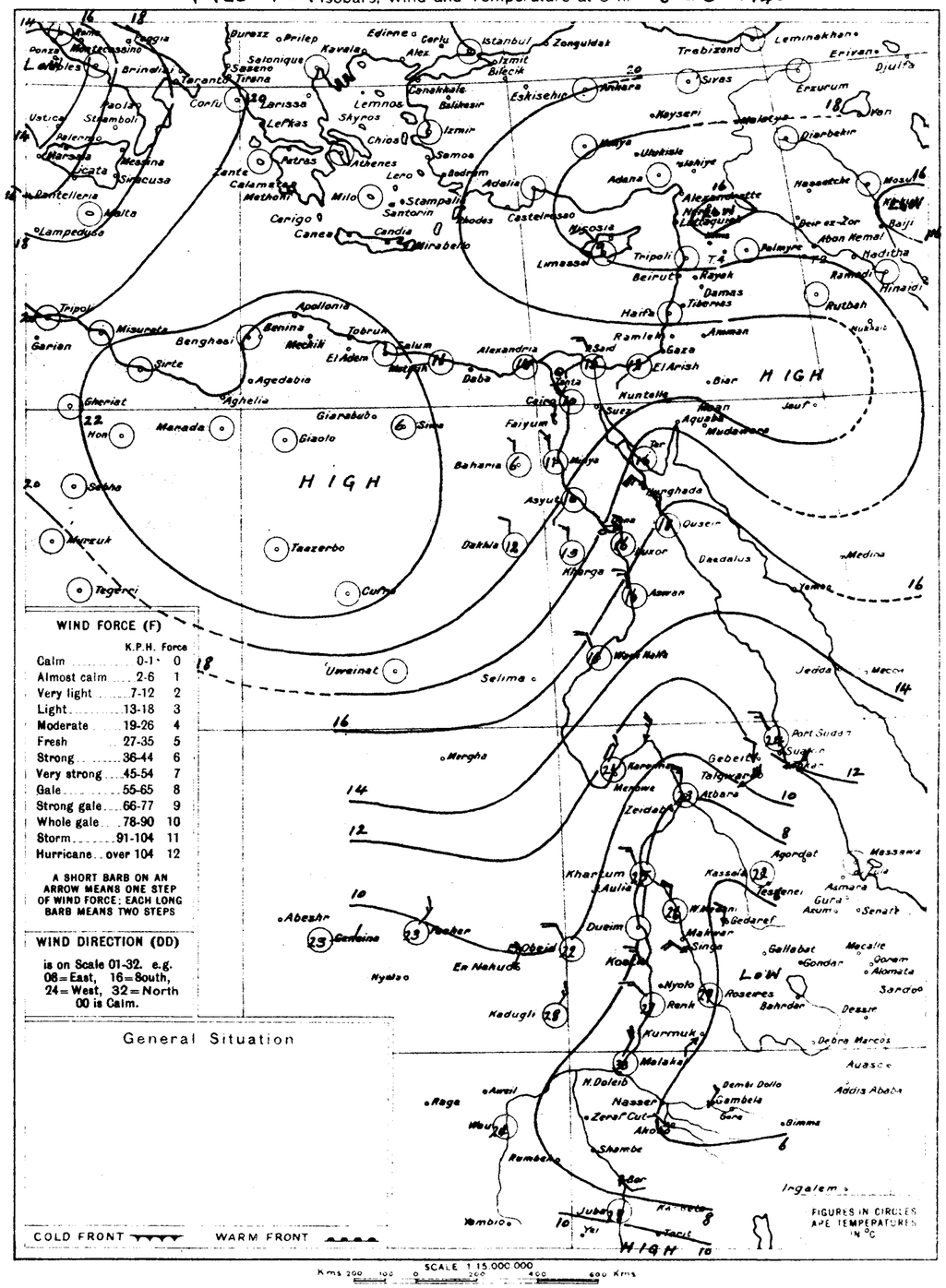
Giza Grass minimum on 6th 0.3 °C

تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر يوم

Discharges at Aswân measured by sluices m.³ per sec

DATE	1940	1944
6 - 3	810	1389
5 - 3	810	1389

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.49	-0.79
Nasser				5.05	-0.04
Malakâl		10.07	-0.23	10.08	-0.22
Roseires		11.46	-0.04	11.47	-0.04
Sennar Res.				19.12	—
J. Aulia U.S				376.10	—
J. Aulia D.S				371.86	+0.74
Khartum				10.70	+0.35
Kh. el Girba					
Atbara				10.56	+0.43
Kajnarti				132.81	+0.31
Aswân Res.		118.97	—	118.95	—
Aswân D.S.		85.00	-0.86	85.01	-0.86
Roda (Cairo)				16.33	+0.74



STATION رصد	PRESENT WEATHER ww	VISIBILITY V	WIND Dir DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs PPP	Diff. from normal mbs.	TEMP. Dry Bulb °C TTT	Yesterday Maximum °C MM	Diff. from norm. °C	Today Minimum °C mm	Diff. from norm. °C	HUMIDITY % UU	RAINFALL Past 24 hrs. mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	01	8	00	0	0	4	4	21.0?	—	11.4	22	—	9	—	70	0	16	—
Limassol	01	8	28	3	1	4	-	17.8	+3.1	9	-	-	-	-	-	1	583	391

SHIPS سفن

Remarks

Water Temp.

River Nile Cairo 15.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" in past hour	91
" with Hail	94-96
" with Duststorm	98
" heavy with dust	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Revised by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 h 15 m
Sunset 17 h 58 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month *March* 1945 ١٩٤٥

STATION	14h 6th Present weather (ww)	Visibility (V)	Wind Dir (DD)	Force (F)	Past weather (W)	Cloud Amount (N)	Form (C)	Bar press M.S.L. 1000+ mbs (PPP)	Temp. (TTT)	Humidity (UU)	8h Wed. 7th Present weather (ww)	Visibility (V)	Wind Dir (DD)	Force (F)	Past weather (W)	Cloud Amount (N)	Form (C)	Bar pressure M.S.L. 1000+ mbs (PPP)	Diff from normal mbs	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Diff from norm. °C	Min. Today °C (mm)	Diff from norm. °C	Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM																													130
MATRUH	02	8	32	2	2	8	6	20.6	14.0	47	01	9	20	4	1	4	8	19.4	+2.7	13.0	14	-5	10	0	55	0	97	146	131
DIKHEILA																													150
ALEXANDRIA	02	9	00	0	2	5	6	—	15.0	49	03	8	24	3	5	8	6	20.2	+3.8	11.2	18	-3	10	-2	67	dr.	236	173	132
DAMIETTA	01	8	02	2	1	5	8	19.8	14.7	49	02	7	28	2	2	6	9	19.1	—	12.9	16		10		62	0	95	93	159
PORT SAID	01	8	02	3	1	4	8	19.5	18.0	44	50	7	02	3	5	8	9	19.0	+3.5	13.3	19	-2	10	-3	67	dr.	77	65	134
EL ARISH	02	9	32	3	2	7	6	19.4	15.3	52	01	8	10	1	1	5	8	18.8	+2.2	12.7	16	-4	8	-1	61	0	220	75	135
DAMANHUR	02	6	04	3	2	6	8	20.0	15.8	50	01	6	24	3	1	4	4	19.2	+2.9	12.4	16	-7	9	0	64	0	119	85	136
MANSURA	02	7	04	2	2	5	9	19.6	17.2	43	02	7	32	1	2	6	9	19.4	—	12.0	19	-3	10	+2	63	0	46	42	137
TANTA	03	7	00	0	2	8	7	19.1	16.5	41	01	8	00	0	1	4	4	19.8	+3.0	10.5	19	-4	8	0	69	0	48	33	138
ZAGAZIG	02	5	02	3	1	6	7	19.1	16.4	58	00	6	02	2	0	3	6	19.1	+2.5	11.6	18	-5	7	-1	64	0	41	22	139
CAIRO ALMAZA	01	7	32	2	1	4	6	20	16.2	40	00	7	09	2	1	2	4	20	—	12.8	17	—	8	—	49	0	44	—	141
CAIRO EZBEKIYA	02	8	30	3	1	7	6	19.4	16.2	49	05	5	00	0	0	2	4	19.4	+3.0	12.8	18	-6	5	-2	59	0	41	19	—
CAIRO GIZA	02	8	30	3	0	5	6	19.2	16.8	33	09	5	00	0	4	1	4	19.4	+2.4	11.8	17	-6	5	-2	75	0	41	19	—
HELWAN	01	8	02	3	1	4	6	18.6	16.1	32	00	7	02	3	0	1	4	19.1	+2.3	12.0	17	-6	9	-1	51	0	50	20	143
SUEZ																												13	144
FAIYUM	02	8	02	4	2	5	6	18.8	16.6	40	00	8	02	2	0	1	8	19.8	+3.2	12.3	18	-6	6	-2	55	0	75	7	153
MINYA	01	9	30	3	1	4	5	19.5	18.4	29	01	8	32	3	1	3	3	20.2	+3.2	11.0	19	-5	7	-2	64	0	1	—	154
ASYUT	01	8	28	2	1	3	5	16.8	19.1	30	01	6	26	1	1	5	5	19.6	+2.6	9.5	21	-4	6	-3	74	0	14	4	155
QENA	02	7	24	2	1	5	3	13.8	23.0	39	02	7	24	2	1	6	3	17.8	+2.4	13.4	27	-2	10	0	62	0	20	—	156
LUXOR	00	7	02	2	0	0	—	14.6	25.0	28	00	7	08	2	0	0	—	18.0	—	18.0	26	—	13	—	41	0	tr.	—	157
ASWAN											02	9	02	5	1	5	9	16.3	+0.5	16.7	25	-4	15	+1	38	0	dr.	—	158
SIWA	00	8	28	3	0	0	—	21.4	18.5	58	00	7	00	0	0	0	—	21.4	+3.1	7.5	19	-5	1	-6	65	0	5	7	148
BAHARIYA	00	9	00	0	0	0	—	21.0	18.0	44	00	9	00	0	0	0	—	21.1	+3.9	10.0	19		6		74	0	7		149
KHARGA	01	9	32	3	1	4	1	16.2	20.2	31	01	8	32	2	1	4	1	19.6	+3.1	13.8	22	-6	10	0	48	0	4	—	151
DAKHLA	00	8	32	3	0	0	—	18.2	20.1	36	00	7	28	4	0	0	—	21.8	+4.8	11.8	21	-6	8	-1	61	0	tr.	—	152
TOR	00	6	28	3	0	3	1	15.1	18.3	—	03	6	32	1	2	8	1	16.4	+1.1	17.2	20	-3	10	-2	68	0	3	12	145
HURGHADA	01	8	30	5	1	4	8	15.2	21.0	49	02	7	28	4	2	5	8	15.9	+0.7	15.0	22	-2	10	-1	42	0	8	—	146
QUSEIR	00	8	32	4	0	0	—	15.1	20.8	63	21	8	30	2	5	6	9	14.3	-0.5	17.8	21	-4	17?	+1	51	dr	20	—	147
PORT SUDAN																										0	82	94	169
WADI HALFA	01	8	30	5	0	3	4	12	26	16	01	8	28	4	6	5	4	—		—					—	dr	0	—	165
KAREIMA	00	8	06	2	0	0	—	6	35	25	00	8	02	2	0	0	—	11		22					25	0	0	1	166
ATBARA	00	8	32	3	0	0	—	3	38	19	00	8	04	3	0	0	—	9		23					41	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	32	3	0	0	—	99	42	14	00	8	32	1	0	0	—	6		31					31	0	9	8	170
WAD MEDANI	00	7	02	4	0	1	1	1	43	13	00	7	32	5	0	0	—	7		27					28	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	28	3	0	0	—	2	43	13	00	8	28	3	0	0	—	5	—	29		—		—	20	—	—	49	182
ROSEIRES	00	7	16	2	0	0	—	3?	43	34	00	7	16	2	0	0	—	6		30					33	0	1	37	172
EL OBEID	00	8	02	3	0	0	—	3	37	11	00	8	30	3	0	0	—	10		22					29	0	6	16	174
EL FASHER	05	6	04	1	1	3	1	—	34	16	00	7	30	2	0	0	—	—		20					24	0	5	6	175
GENEINA	00	8	08	2	0	0	—	—	36	19	02	8	02	3	2	8	2	—		22					20	—	—	4	179
KADUGLI	00	7	08	4	0	1	1	3	40	11	00	7	04	3	0	3	1	10		28					37	—	—	91	187
MALAKAL	01	7	02	3	1	4	4	2	38	14	01	7	12	2	1	4	4,2	9		31					28	0	52	89	176
WAU	01	8	02	2	1	3	8,4	5?	37	24	01	8	00	0	1	5	4	9		26					62	0	186	153	177
JUBA	01	8	08	2	1	5	6	3	38	22	05	7	00	0	1	7	2	11		27					—	0	149	167	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 7th

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8h 30m	MINYA	ASYUT 7h	ASWAN 7h	WADI HALFA 7h	KAREIMA 7h	KHARTUM	KASSALA 7h	EL OBEID 7h	MALAKAL 7h	JUBA 7h
				02 05 15		02 33 20	02 02 30	10 36 40	10 05 40			10 36 30	10 11 20	10 24 15
				05 05 20		05 34 35	05 02 40	15 21 10	15 04 10		15 08 20	15 02 50	15 06 15	15 12 15
				08 01 25		10 33 35	10 02 40	20 24 25	20 15 10		20 11 20	20 03 40	20 03 30	20 12 45
				10 36 20		15 28 30	15 33 15	30 23 40	30 21 10		30 14 05	30 04 20	24 03 30	
				15 35 35		20 26 50		40 23 40	40 22 20		40 03 30	40 02 15		40 18 10
				20 34 30		25 23 65		42 23 55	45 24 25		45 02 35	45 17 20		42 22 30
				23 25 30		30 24 55					48 01 30	50 21 25		
				25 24 45								60 17 15		
				30 25 30										
				34 26 55?										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 6th	Diff. from normal	Wet bulb temp °C on 6th	Diff. from normal
Alexandria	47	-18	9.3	-3.1
Ezbekiya	60	-1	9.9	-2.1
Giza	59	-6	8.9	-3.0
Helwan	50	+2	8.2	-2.6

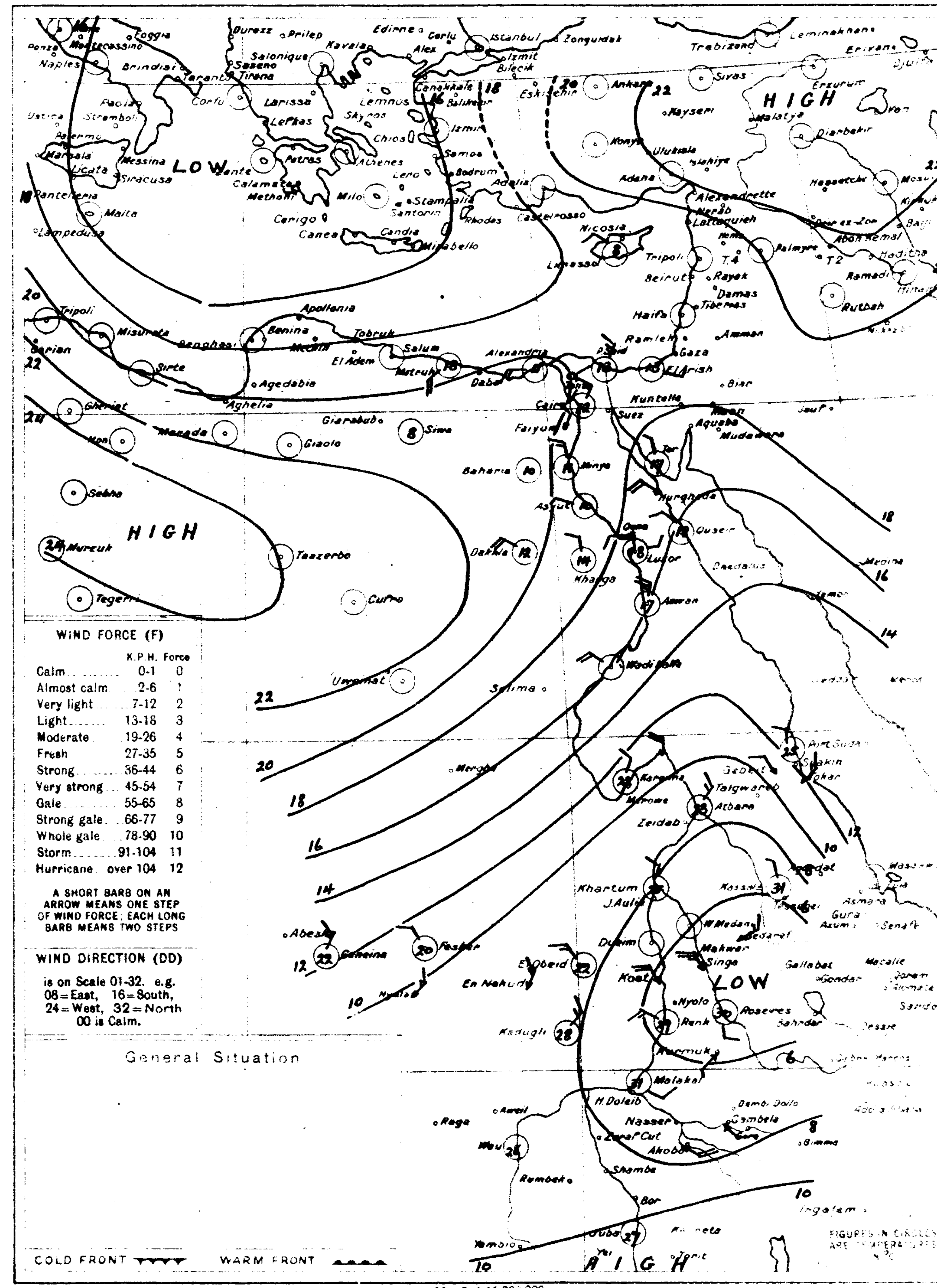
Giza Grass minimum on 7th 1.9 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
7-3	810	1389
6-3	810	1389

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	12.49	-0.78
Nasser		—	—	5.03	-0.05
Malakal		10.06	-0.23	10.07	-0.23
Roseires		11.46	-0.02	11.46	-0.04
Sennar Res.		—	—	19.03	—
J. Aulia U.S	7-3	—	—	376.00	—
J. Aulia D.S		—	—	371.86	+0.75
Khartum		—	—	16.69	+0.35
Kh. el Girba					
Atbara		10.38	+0.45	10.38	+0.45
Kajnarti		132.77	+0.32	132.77	+0.28
Aswan Res.		118.97	—	118.97	—
Aswan D.S.		85.01	-0.84	85.00	-0.86
Roda (Cairo)		16.27	+0.69	16.31	+0.73

١٩٤٥-٣-٧ Isobars, Wind and Temperature at 8 h. 7-3-1945



SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

STATION	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Force (F)	Past weather (W)	Cloud Amount (N)	Form (C)	Bar pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Max. Yesterday °C (MM)	Diff. from norm. °C	Min. Today °C (mm)	Diff. from norm. °C	Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	02	8	00	0	1	6	4	18.2	—	10.2	22	—	8	—	66	0	16	—
Limassol	02	8	28	2	1	5	—	19.1	+4.5	8	—	—	—	—	—	0	583	392
SHIPS سفن																		

(At 8 h. on 7th)

Remarks
Water Temp. River Nile Cairo 15.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER
Clear 00
Partly cloudy
Cloudy
Overcast
Low Fog
Thick Haze
Dust Devils
Distant Lightning
Light Mist or Haze
Distant Fog 09
Rain in sight
Thunder
Distant Dust
Squally
Slight Dust storm
Rain in past hr.
Slight Dust
Heavy Dust
Duststorm
Fog or Thick mist
Mod. Fog
Thick
Fog in patches
Drizzle
Rain
Rain and Fog
Rain and Snow
Snow
Showers
Thunderstorms

VISIBILITY (V)
Objects not visible at 50 metres 0
200
500
1 Kilometre 3
2
4
10
20
50
Visible over 50 Kms 9

CLOUD AMOUNT (N)
Clear
Trace
1 Tenth
2, 3 Tenths
4, 5, 6 Tenths
7, 8 Tenths
9 Tenths
Over 9 Tenths
Overcast
Fog or Dust

CLOUD FORM (C)
Cirrus
Cirro-stratus
Cirro-cumulus
Alto-cumulus
Alto-stratus 5
Strato-cumulus
Nimbo-stratus
Cumulus 8
Cumulo-nimbus 9
Stratus

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 14 m
Sunset 17 59

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month MARCH, 1945 ١٩٤٥ شهر مارس

At 14 h. on 7th ٧ الساعة ١٤ يوم — At 8 h. on THURSDAY, 8th ٨ الخميس الساعة ٨ يوم

Region	Station	14h ww	14h V	14h Wind DD	14h Wind F	14h W	14h Cloud N	14h Cloud C	14h Bar. Press. PPP	14h Temp. TTT	14h Humidity UU	8h ww	8h V	8h Wind DD	8h Wind F	8h W	8h Cloud N	8h Cloud C	8h Bar. M.S.L. PPP	8h Bar. Diff. from normal	Dry Bulb TTT	Max. Yesterday	Max. Diff.	Min. Today	Min. Diff.	Humidity UU	Rain Past 24 hrs	Rain Total from Oct 1	Rain Normal from Oct 1	Station Number
MEDITERRANEAN	SALUM																													130
	MATRUH	01	9	28	4	1	4	8	17.0	19.0	61	00	9	24	4	1	3	8	19.1	+2.4	12.7	19	0	8	-2	60	0	97	140	131
	DIKHEILA																													150
	ALEXANDRIA	02	9	24	2	5	6	4	18.8	16.4	43	00	9	20	4	0	0	—	19.8	+3.4	14.1	17	-4	9	-3	60	tr.	236	173	132
	DAMIETTA	02	8	06	1	5	6	6	18.4	15.2	58	00	8	20	2	0	0	—	20.0	—	11.9	17	—	7	—	75	2	97	94	159
	PORT SAID	02	8	30	3	8	6	6	18.4	16.7	56	01	8	16	4	0	3	1	19.8	+4.4	13.0	17	-4	9	-4	68	dr.	77	65	134
	EL ARISH	01	9	30	2	1	4	8	17.8	15.1	59	01	9	16	1	1	4	0	21.0	+4.4	12.6	17	-3	8	-1	70	0	220	75	135
LOWER EGYPT	DAMANHUR	02	6	24	3	2	5	4	18.6	16.2	46	00	6	20	4	0	0	—	19.5	+3.2	11.8	18	-5	7	-2	56	0	119	86	136
	MANSURA	02	7	04	1	2	6	9	18.1	16.0	55	01	7	20	1	1	3	8	20.3	—	11.0	18	-5	5	-3	67	0	46	43	137
	TANTA	01	8	28	1	1	4	8	17.6	17.0	49	00	8	20	2	0	0	—	20.8	+4.0	11.5	20	-3	7	-1	73	0	48	33	138
	ZAGAZIG	02	6	24	2	1	5	6	18.4	17.2	54	00	6	20	3	0	2	8	20.8	+4.3	9.9	19	-4	7	-1	78	0	41	22	139
MIDDLE EGYPT (CAIRO)	ALMAZA	01	7	02	3	1	5	6	20	15.9	38	00	7	18	4	0	1	1	21.2	—	12.1	18	—	10	—	51	0	44	—	141
	EZBEKIYA	02	8	24	2	1	6	8	18.8	17.2	35	05	5	14	3	0	2	1	21.5	+5.1	12.1	19	-5	8	-2	55	0	41	20	—
	GIZA	01	8	28	3	1	5	8	18.4	17.4	33	00	7	18	3	0	2	3	21.5	+4.6	12.1	19	-4	6	-2	58	0	41	19	—
	HELWAN	01	8	28	4	1	4	8	18.0	15.9	32	00	6	10	2	0	1	1	21.6	+4.8	10.0	17	-6	7	-3	51	0	50	21	143
	SUEZ																												13	144
UPPER EGYPT	FAIYUM	00	8	32	2	0	0	—	18.6	17.4	32	00	8	00	0	0	0	—	22.2	+5.7	10.5	18	-6	5	-4	61	0	75	7	153
	MINYA	01	9	28	3	1	3	4	18.3	19.7	23	00	7	32	1	0	0	—	22.4	+5.4	10.0	20	-5	6	-3	49	0	1	—	154
	ASYUT	01	7	20	2	1	4	8	17.9	19.1	31	00	7	20	1	0	0	—	22.2	+5.3	11.1	20	-5	6	-3	59	0	14	4	155
	QENA	01	8	26	2	2	4	3	15.1	23	28	01	7	28	1	2	4	3	20.0	+4.6	15.0?	25	-4	10	0	41	0	20	—	156
	LUXOR	02	7	28	2	2	5	3	16.6	19.6	34	00	7	28	3	0	0	—	20.6	—	16.0	22	—	12	—	38	0	tr.	—	157
	ASWAN											02	9	32	4	1	5	4	19.0	+3.3	14.8	27	-2	13	-1	54	dr.	dr.	—	158
WESTERN DESERT	SIWA	00	8	22	3	0	0	—	20.7	19.7	57	00	7	00	0	0	0	—	22.3	+4.1	9.5	21	-3	3	-4	59	0	5	7	148
	BAHARIYA	00	9	32	1	0	0	—	19.0	17.0	34	00	9	32	1	0	0	—	—	—	11.0	21	—	7	—	75?	0	7	—	149
	KHARGA	01	9	32	3	1	3	1	17.6	19.7	29	00	8	32	2	0	2	1	21.5	+5.1	14.2	20	-8	8	-2	37	0	4	—	151
	DAKHLA	00	8	28	4	0	0	—	18.6	18.1	32	00	7	28	2	0	0	—	23.4	+6.5	11.4	20	-7	7	-2	54	0	tr.	—	152
RED SEA	TOR	02	6	28	3	1	8	2	15.1	18.2	68	00	6	28	2	0	0	—	19.1	+3.9	16.2	—	—	13	+1	59	0	3	12	145
	HURGHADA	01	8	30	6	1	4	8	15.2	21.0	49	01	8	28	5	1	4	8	19.5	+4.3	15.0	22	-2	11	-1	39	0	8	—	146
	QUSEIR	02	8	32	3	2	6	6	14.8	20.4	53	00	8	02	4	0	0	—	17.6	+2.9	17.8	21	-4	16	0	43	0	20	—	147
	PORT SUDAN																										0	82	94	169
NORTH SUDAN	WADI HALFA	01	7	30	5	1	3	4	14	23	16	00	9	30	4	0	0	—	19		15					32	0	dr.	—	165
	KAREIMA	00	8	04	3	0	1	4	8	34	20	00	8	02	3	0	2	1	14		19					24	0	0	1	166
	ATBARA	00	8	04	3	0	0	—	4	37	20	00	7	02	3	0	0	—	11		24					30	0	0	2	167
	KHARTUM																										0	tr.	4	168
	KASSALA	00	8	10	1	0	0	—	0	42	11	00	8	10	3	0	0	—	7		31					31	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	00	7	32	2	0	0	—	2	39	16	00	8	32	4	0	0	—	9		25					30	0	8	12	171
	DUEIM																										0	4	14	173
	RENK	00	9	28	3	0	0	—	2	38	18	00	9	28	3	0	0	—	8		28	—		—		26	—	—	49	182
	ROSEIRES	00	7	16	2	0	0	—	2	38	31	00	7	20	2	0	0	—	8		29					31	0	1	37	172
	EL OBEID	00	8	32	4	0	0	—	4	36	17	00	7	30	4	0	0	—	12		21					17	0	6	16	174
	EL FASHER	01	8	04	3	0	5	2	—	36	15	06	6	02	3	0	0	—	—		19					28	0	5	6	175
	GENEINA	02	7	04	1	1	8	2	—	36	15																—	—	4	179
	KADUGLI	00	7	20	2	0	0	—	4	40	12																—	—	91	187
S. SUDAN	MALAKAL	02	8	08	1	1	6	2	3	39	10	01	7	08	3	1	4	8,4	9		32					20	0	52	89	176
	WAU	02	8	00	0	1	6	4	6	34	36	02	8	00	0	1	8	4,2	10		27					58	0	186	154	177
	JUBA	02	8	20	2	0	8	4,2	5	38	21	00	7	02	3	0	0	—	13?		21					28	0	149	168	178

UPPER WINDS ON 8th ٨ الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	FASHER	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	8 h. 46 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.
				02 17 15		02 05 05	02 01 25	10 03 55	10 03 50	10 16 15	10 15 10	10 01 45	10 04 20	
				05 21 25		05 36 25	05 01 45	15 01 35	15 01 20	15 15 20	15 12 05	15 02 40	15 02 35	
				08 26 30		10 35 35	10 02 25	20 25 10	20 36 05	20 16 30	20 10 15	20 02 20	20 04 35	
				10 28 40		15 36 45	15 29 20		30 18 15	30 15 35			30 06 —	
				15 29 35		20 32 40	20 24 30		40 20 15					
				20 29 30		25 27 50	25 27 45		45 20 20					
				25 29 35		30 26 50			50 21 30					
				30 27 35		35 24 55								
				40 25 65										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 7th	Diff. from normal	Wet Bulb Temp °C on 7th	Diff. from normal
Alexandria	50	-15	9.3	-3.2
Ezbekiya	49	-11	9.6	-2.5
Gîza	57	-8	9.5	-2.5
Helwân	38	-10	7.9	-3.0

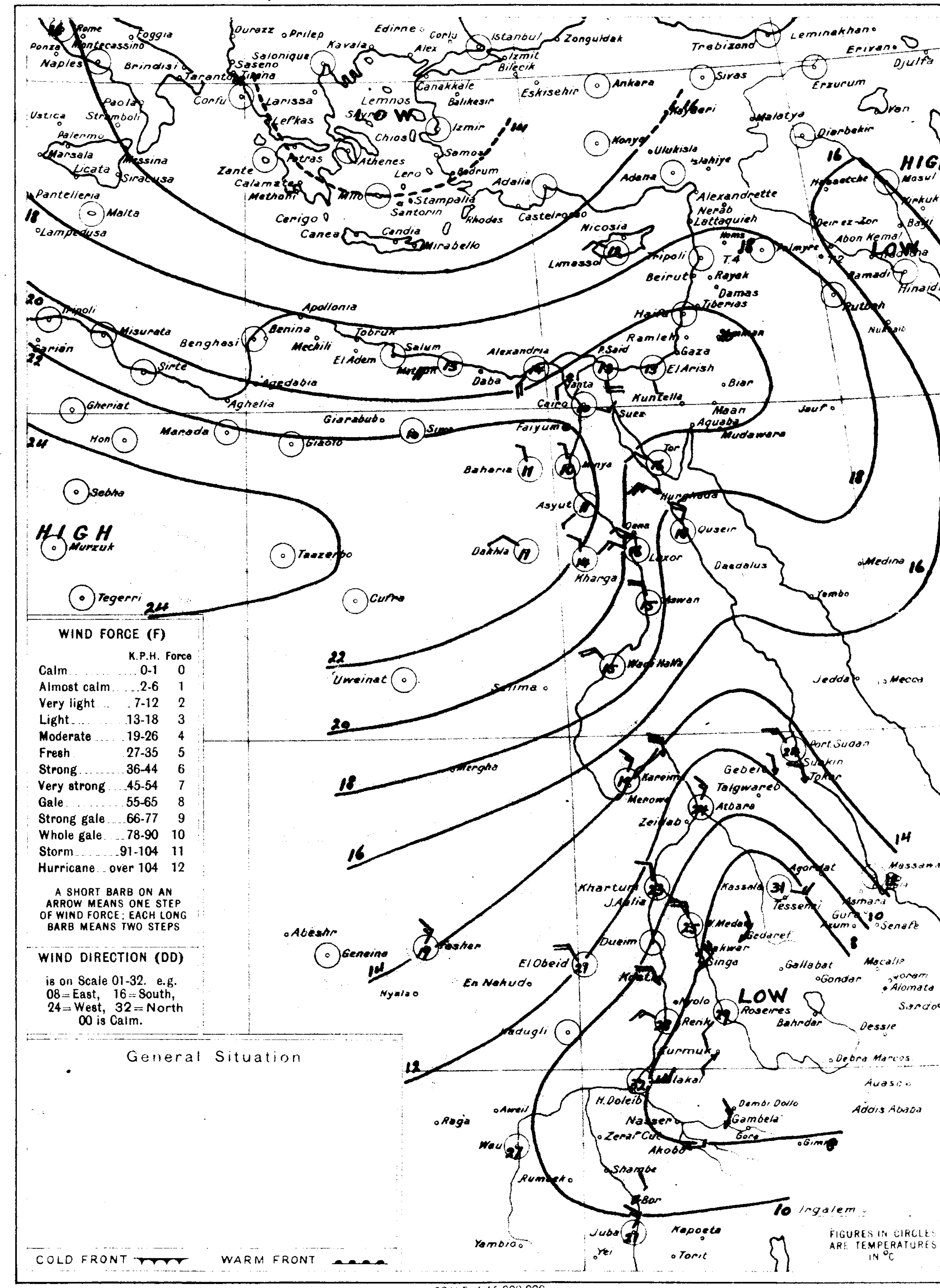
Gîza Grass minimum on 8th 1.2 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
8-3	810	1042
7-3	810	1389

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	12.49	-0.78
Nasser		—	—	5.01	-0.06
Malakâl		10.04	-0.24	10.06	-0.23
Roseires		—	—	11.46	-0.02
Sennâr Res.	[illegible]	—	—	18.94	—
J. Aulia U.S		—	—	375.92	—
J. Aulia D.S	[illegible]	—	—	371.25	+0.75
Khartum		—	—	10.88	+0.36
Kh. el Girba	[illegible]	—	—	—	—
Atbara		—	—	10.58	+0.45
Kajnarti		—	—	132.77	+0.32
Aswân Res.		119.02	—	118.97	—
Aswân D.S.		85.00	-0.83	85.01	-0.84
Roda (Cairo)		16.20	+0.62	16.27	+0.69

١٩٤٥-٣-٨ Isobars, Wind and Temperature at 8 h. 8-3-1945



SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 8th ٨ الساعة ٨ يوم

STATION محطة	ww	V	Wind DD	Wind F	W	Cloud N	Cloud C	Bar. M.S.L. PPP	Diff from normal	Dry Bulb TTT	Max. Yesterday	Max. Diff.	Min. Today	Min. Diff.	Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	00	0	0	0	—	20.6	—	11.0	20	—	6	—	55	0	16	—
Limassol	65	5	26	2	6	8	—	16.7	+2.1	12	—	—	—	—	—	tr.	583	394

SHIPS سفن

Remarks
Water Temp. River Nile Cairo 15.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww
- Clear 00
- Partly cloudy 01
- Cloudy 02
- Overcast 03
- Low Fog 04
- Thin Haze 05
- Dust Devils 06
- Distant Lightning 07
- Light Mist or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick „ „ „ „ 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- „ of Snow 83, 84
- „ of Sleet 85, 86
- „ of Hail 88, 89
- Thunderstorm 90-99
- „ ended, now Rain 91
- „ with Hail 94-96
- „ with Duststorm 98
- „ heavy, with Hail 99

PAST WEATHER (W)
- Clear, slight cloud 0
- Variable sky 1
- Mainly overcast 2
- Sandstorm, Duststorm 3
- Fog, thick dust haze 4
- Drizzle 5
- Rain 6
- Snow, sleet 7
- Showers 8
- Thunderstorm 9

VISIBILITY (V)
- Objects not visible at 50 metres 0
- 200 „ 1
- 500 „ 2
- 1 Kilometre 3
- 2 „ 4
- 4 „ 5
- 10 „ 6
- 20 „ 7
- 50 „ 8
- Visible over 50 kms. 9

CLOUD AMOUNT (N)
- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

CLOUD FORM (C)
- Cirrus 1
- Cirro-stratus 2
- Cirro-cumulus 3
- Alto-cumulus 4
- Alto-stratus 5
- Strato-cumulus 6
- Nimbo-stratus 7
- Cumulus 8
- Cumulo-nimbus 9
- Stratus 0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06h 13m
Sunset 17h 59m
Month MARCH, 1945 ١٩٤٥ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	At 14 h on 8th (الساعة ١٤ يوم ٨): Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	°C Temp. TTT	% Humidity UU	At 8 h. on FRIDAY 9th (الساعة ٨ يوم الجمعة ٩): Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Max Diff. from norm. °C	Minimum Today °C mm	Min Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	01	9	24	3	1	4	8	19.8	17.0	38	00	9	24	3	1	0	—	20.8	+4.1	12.8	19	0	8	-2	81	0	97	147	131
DIKHEILA																													150
ALEXANDRIA	00	9	22	4	0	0	—	19.2	17.0	43	00	9	20	2	0	0	—	20.8	+4.5	14.3	18	-3	11	-1	50	0	236	173	132
DAMIETTA	01	8	20	4	1	4	8	19.0	20.4	37	00	7	16	3	1	0	—	20.6	—	13.2	20		7	—	66	0	97	94	159
PORT SAID	01	8	26	3	0	3	8	19.2	20.6	31	00	8	14	3	0	1	1	20.8	+5.4	13.8	21	0	10	-3	57	0	77	66	134
EL ARISH	01	9	30	3	1	4	6	18.7	17.8	44	01	9	16	1	1	3	8	22.2	+5.6	16.5	21	+1	11	+2	45	0	220	75	135
LOWER EGYPT																													
DAMANHUR	00	6	20	5	0	0	—	19.2	19.8	29	00	6	32	3	0	0	—	20.6	+4.3	13.2	20	-3	9	0	65	0	119	86	136
MANSURA	01	8	24	3	1	4	8	19.5	20.7	30	01	7	16	2	1	3	8	21.4	—	13.7	22	-1	7	-2	57	0	46	43	137
TANTA	01	8	28	4	1	4	8	19.2	19.5	31	00	8	20	2	0	0	—	22.0	+5.2	13.5	21	-2	7	-1	61	0	48	33	138
ZAGAZIG	01	7	20	2	1	3	8	18.7	20.6	41	00	7	20	2	0	0	—	22.2	+5.7	12.6	22	-1	8	0	58	0	41	22	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	28	4	1	3	8,1	20.7	19.8	19	01	8	17	3	1	4	4	22	—	17.0	21		10		34	0	44		141
CAIRO EZBEKIYA	01	8	26	3	1	4	1	20.0	21.2	19	05	5	18	4	4	3	3	22.2	+5.8	14.9	22	-2	10	0	42	0	41	20	—
CAIRO GIZA	01	8	26	3	1	4	3	19.9	23.9	23	09	5	18	3	4	3	3	22.2	+5.4	~~9.9~~ 13	24	+1	6	-2	~~83~~ 59	0	41	19	—
HELWAN	00	9	24	4	0	1	1	19.6	20.2	15	01	6	12	2	1	6	1	22.3	+5.6	12.1	21	-2	9	-1	42	0	50	21	143
SUEZ																												13	144
UPPER EGYPT																													
FAIYUM	00	8	00	0	0	0	—	20.3	20.3	29	00	8	00	0	0	0	—	22.7	+6.2	13.2	22	-2	6	-3	41	0	75	7	153
MINYA	01	8	32	3	1	3	3	20.6	20.4	24	01	7	12	2	1	3	1	23.4	+6.5	11.5	22	-3	7	-2	—	0	1		154
ASYUT	00	7	30	1	0	0	—	19.9	20.0	25	00	6	22	1	0	0	—	22.8	+6.0	12.8	22	-4	6	-3	45	0	14	4	155
QENA	01	8	26	2	1	3	1	16.8	26.0	19	00	8	24	1	1	0	—	21.1	+5.8	15.3	27	-2	8	-3	46	0	20		156
LUXOR	00	7	28	3	0	0	—	17.8	24.0	32	00	7	08	2	0	0	—	21.2	—	19.0	25		7		36	0	tr.		157
ASWAN											00	9	32	4	0	0	—	19.9	+4.3	15.3	24	-5	12	-2	35	0	dy.	—	158
WESTERN DESERT																													
SIWA	00	8	22	2	0	0	—	21.2	21.5	54	00	7	00	0	0	0	—	22.8	+4.6	9.0	22	-2	3	-4	63	0	5	7	148
BAHARIYA	00	9	32	1	0	0	—	21.2	21.0	20	00	9	00	0	0	0	—	23.6	+6.5	10.4	22		5		64	0	7		149
KHARGA	00	9	32	4	0	0	—	19.1	21.4	20	00	8	32	1	0	1	1	21.9	+5.6	13.7	22	-6	7	-3	34	0	4	—	151
DAKHLA	00	8	28	4	0	0	—	20.3	20.6	25	00	7	16	1	0	0	—	23.6	+6.8	9.0	22	-6	6	-3	61	0	tr.		152
RED SEA																													
TUR	00	6	28	3	0	0	—	17.6	19.9	57	00	6	28	2	0	0	—	20.3	+5.1	19.2	20	-3	15?	+3	99	0	3	12	145
HURGHADA	00	9	30	5	0	0	—	18.0	21.5	25																		—	146
QUSEIR	00	8	32	4	0	0	—	17.5	20.2	45	00	8	28	2	0	0	—	17.5	+2.9	18.2	22	-3	16	0	22	0	20	—	147
PORT SUDAN																										0	82	94	169
NORTH SUDAN																													
WADI HALFA	00	8	32	5	0	0	—	15	24	13	00	9	32	4	0	0	—	19		15					32	0	dy.		165
KAREIMA	00	8	04	3	0	2	2	10	31	24	00	8	04	3	0	0	—	14		21					20	0	0	1	166
ATBARA	00	8	32	3	0	0	—	5	36	22	00	8	32	3	0	0	—	11		22					41	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	02	2	0	0	—	1	32	17	00	8	08	3	0	0	—	6		31					38	0	?	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	6	32	4	0	3	1	3	38	11	00	7	32	5	0	0	—	10		26					23	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	30	3	0	0	—	4	38	15	00	8	28	3	0	0	—	9		31					31	—	—	49	182
ROSEIRES	00	7	16	2	0	0	—	2	40	42	00	7	16	3	0	0	—	7		29					33	0	1	37	172
EL OBEID	00	7	32	3	0	0	—	7	34	12	00	7	16	4	0	0	—	12		26					55	0	6	16	174
EL FASHER	00	8	04	2	0	0	—	—	33	14	05	7	04	2	0	0	—	—		23					61	0	5	6	175
GENEINA	00	8	02	3	0	0	—	—	34	12	00	8	02	4	0	0	—	—		26					18	—	—	4	179
KADUGLI	02	7	28	2	1	5	1	5	37	13	00	7	04	2	0	0	—	11		26					25	—	—	91	187
S. SUDAN																													
MALAKAL	02	7	08	2	1	6	2	3	39	17	00	7	32	4	0	0	—	9		28					23	0	52	89	176
WAU	01	8	00	0	1	4	4,1	5	36	29	02	8	26	2	1	8	4,2	11		27					58	0	186	154	177
JUBA	01	8	04	1	1	4	8	5	38	22																0	149	169	178

UPPER WINDS ON 9th (الرياح العليا يوم ٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN h. m.	MINYA h. m.	ASYUT h. m.	ASWAN h. m.	WADI HALFA 7 h. m.	KAREIMA 7 h. m.	GENEINA 6 h. m.	KASSALA h. m.	EL OBEID 7 h. m.	MALAKAL h. m.	JUBA 7 h. m.
								10 03 25	10 04 55	10 04 25		10 36 70		10 03 50
									15 01 30	15 04 35		15 04 60		15 09 30
									20 35 15	20 36 30		20 03 55		
								30 02 10	30 03 15	30 20 05				
									40 25 10	40 01 05				
									45 21 05					
									50 21 05					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % 8th	Diff. from normal	Wet bulb temp. °C 8th	Diff. from normal
Alexandria	55	-10	10.7	-1.9
Ezbekiya	42	-18	9.5	-2.7
Giza	54	-11	10.2	-1.9
Helwan	34	-13	8.1	-2.8

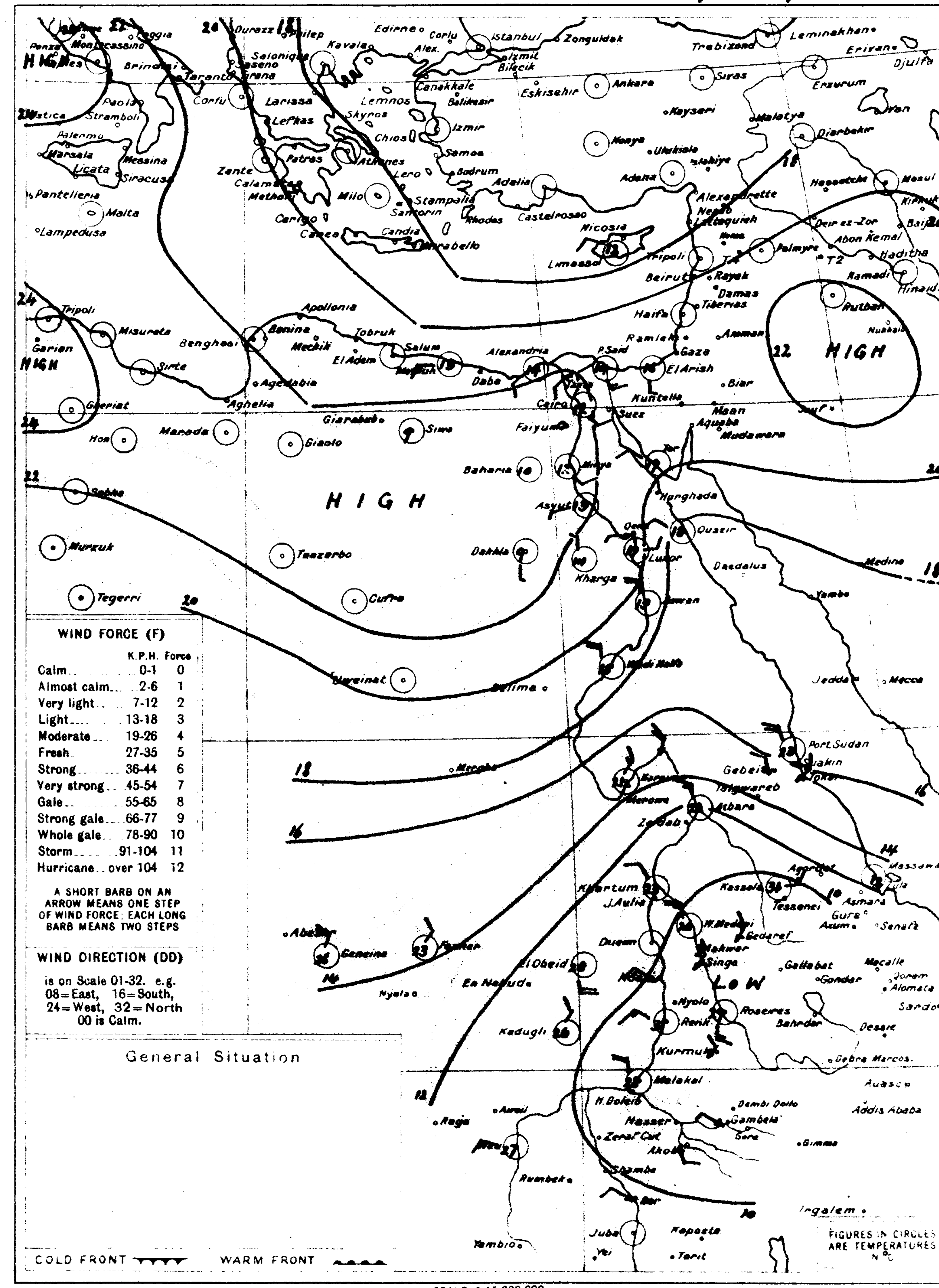
Giza Grass minimum on 9th 1.9 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
9-3	810	1042
8-3	810	1042

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		12.48	-0.79	12.48	-0.79
Nasser		5.01	-0.04	5.01	-0.05
Malakal		10.03	-0.24	10.04	-0.24
Roseires		11.43	-0.02	11.46	-0.01
Sennar Res.	[illegible]	18.79	—	18.87	—
J. Aulia U.S	[illegible]	—	—	375.83	—
J. Aulia D.S		—	—	371.88	+0.79
Khartum	[illegible]	10.64	+0.40	10.66	+0.39
Kh. el Girba					
Atbara		10.56	+0.44	10.59	+0.46
Kajnarti		132.73	+0.33	132.75	+0.34
Aswan Res.		119.02	—	119.02	—
Aswan D.S.		85.01	-0.81	85.00	-0.83
Roda (Cairo)		16.27	+0.09	16.20	+0.62

Isobars, Wind and Temperature at 8 h. 9 - 3 - 1945 ١٩٤٥-٣-٩



STATION محطة	At 8 h. on 9th (الساعة ٨ يوم ٩): Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Diff. from norm. °C	Min Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	0	—	21.4	—	10.4	22	—	4	—	57	0	16	—
Limassol	22	7	26	4	6	5	—	17.2	+2.8	12	—	—	—	—	—	3	586	396

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 15.7 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38, 554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06h 11m
Sunset 18h 00m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month March 1945 ١٩٤٥ شهر مارس

At 14 h. on 9th — الساعة ١٤ يوم ٩ ; At 8 h. on Saturday 10th — الساعة ٨ يوم السبت ١٠

STATION	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM																												—	130
MATRÛH	01	9	30	4	1	4	8	20.4	16.0	61	02	9	24	2	1	5	8	22.8	+6.1	11.7	17	-2	10	0	85	0	97	147	131
DIKHEILA																												—	150
ALEXANDRIA	00	9	26	3	0	0	—	21.1	17.2	46	01	9	00	0	2	4	4	23.4	+7.2	15.6	19	-2	11	-1	65	0	236	174	132
DAMIETTA	01	8	22	5	1	4	8	20.2	20.0	41	00	7	16	1	0	0	—	23.0	—	13.2	21	—	7	—	87	0	97	94	159
PORT SAÏD	01	8	30	4	1	4	4	19.9	21.2	34	00	8	26	2	0	0	—	22.0	+6.7	14.7	23	+2	11	-2	80	0	77	66	134
EL 'ARISH	00	9	30	1	0	3	8	19.9	20.0	38	00	9	30	1	1	3	8	22.7	+6.1	16.2	20	0	8	-1	69	0	220	76	135
LOWER EGYPT																													
DAMANHÛR	01	7	20	4	1	3	8	19.9	19.2	42	01	6	24	3	1	3	8	23.1	+6.8	12.2	21	-2	8	-1	84	0	119	86	136
MANSÛRA	01	8	18	3	1	4	8	20.6	21.6	30	01	8	20	1	1	3	8	23.4	—	13.8	23	0	7	-2	78	0	46	43	137
TANTA	01	8	28	3	1	4	4	20.6	21.0	34	00	8	00	0	0	0	—	23.2	+6.4	11.8	22	-1	4	-4	91	0	48	33	138
ZAGÂZIG	00	7	20	3	0	2	8	20.8	22.6	41	00	7	24	2	0	0	—	23.4	+7.0	11.2	23	0	7	-1	84	0	41	22	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	7	30	4	0	1	1,8	21.2	21.5	16	05	6	10	2	0	1	1	23.0	—	14.0	22	—	9	—	60	0	44		141
CAIRO EZBEKIYA	00	8	26	3	0	2	1	20.7	23.4	25	08	4	14	1	4	0	—	23.0	+6.6	15.1	24	0	9	-1	60	0	41	20	—
CAIRO GÎZA	00	8	28	2	0	1	1	20.3	25.2	27	08	4	00	0	4	0	—	23.0	+6.2	12.2	26	+3	5	-3	88	0	41	20	—
HELWÂN	00	8	24	4	0	1	1	20.4	21.2	17	05	5	00	0	0	0	—	22.7	+6.1	13.1	22	-1	10	-1	60	0	50	21	143
SUEZ																											37	13	144
UPPER EGYPT																													
FAIYÛM											00	8	02	1	0	0	—	23.0	+6.5	11.0	24	0	8	-1	75	0	75	7	153
MINYA	00	8	04	3	1	0	—	21.2	22.8	20	01	8	02	1	1	4	3	22.3	+5.5	13.9	23	-2	7	-2	57	0	1	—	154
ASYÛT	01	8	30	2	1	3	5	20.0	22.0	28	01	6	22	1	1	4	5	22.2	+5.5	12.8	23	-3	8	-1	57	0	14	4	155
QENA	00	9	26	2	0	0	—	17.2	26.4	16	02	7	20	1	0	5	3	17.8	+2.6	16.6	28	-1	11	0	50	0	20	—	156
LUXOR	00	7	28	2	0	0	—	17.0	25.0	28	03	7	08	2	2	8	5	18.7	—	19.0	29	—	11	—	38	0	tr.	—	157
ASWÂN											01	9	32	2	1	3	1	17.8	+2.3	17.4	25	-4	14	0	24	0	dr.	—	158
WESTERN DESERT																													
SÎWA	00	8	22	2	0	0	—	22.0	21.9	59	00	6	00	0	0	0	—	23.4	+5.2	9.0	23	-1	4	-4	73	0	5	7	148
BAHARÎYA	00	9	00	0	0	0	—	21.5	21.8	23	00	9	00	0	0	0	—	23.4	+6.3	11.2	23	—	7	—	73	0	7	—	149
KHÂRGA	00	9	32	1	0	0	—	18.6	21.0	22	02	8	32	4	2	5	1	20.4	+4.1	16.5	22	-6	10	0	30	0	4	—	151
DÂKHLA	00	8	32	4	0	0	—	21.0	22.4	25	00	7	12	1	0	0	—	20.3	+3.5	15.1	24	-4	9	0	39	0	tr.	—	152
RED SEA																													
TÔR	00	6	28	3	0	0	—	17.8	21.1	56	03	6	28	2	1	8	4	19.0	+3.9	18.3	23	-1	14	+2	—	0	3	12	145
HURGHÂDA	00	9	30	5	0	0	—	18.4	22.0	43	02	7	28	4	2	6	0	20.2	+5.2	18.5	23	-2	13	+1	29	0	8	—	146
QUṢEIR	00	8	32	3	0	0	—	18.6	21.8	29	21	8	28	4	5	6	7	19.0	+4.4	20.3	23	-2	18	+2	—	dr.	20	—	147
PORT SUDAN																										0	82	94	169
NORTH SUDAN																													
WÂDI HALFA	00	8	30	5	0	0	—	15	26	14	00	8	30	4	0	1	4	17		17					22	0	dr.	—	165
KAREIMA	00	8	04	2	0	0	—	10	32	17	00	8	06	3	0	0	—	13		21					17	0	0	1	166
'ATBARA	00	8	04	3	0	0	—	7	34	25	00	8	06	4	0	0	—	11		23					44	0	0	2	167
KHARTÛM																										0	tr.	4	168
KASSALA	00	8	04	1	0	0	—	1	39	13	00	8	32	3	0	0	—	8		27					55	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	04	5	0	0	—	3	40	11	00	7	32	5	0	0	—	9		26					23	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	32	3	0	0	—	4	38	15	00	9	30	4	0	0	—	—	—	28		—		—	25	0	—	49	182
ROṢEIRES											00	7	16	2	0	0	—	9		27					28	0	1	37	172
EL OBEID	00	8	02	3	0	0	—	7	33	19	00	8	30	3	0	0	—	11		22					19	0	6	16	174
EL FÂSHER	05	7	04	2	0	0	—	—	33	19	00	8	30	3	0	0	—	—		18					22	0	5	6	175
GENEINA	00	9	32	3	0	0	—	—	34	19	00	7	04	1	0	0	—	—		20					—	0	—	4	179
KADUGLI	00	7	04	4	0	0	—	6	38	15	00	8	28	2	0	0		11		27					25	0	—	91	187
S. SUDAN																													
MALAKÂL	01	8	28	1	1	4	2,4	4	40	15	01	8	32	4	1	4	2,4	8		29					25	0	52	89	176
WÂU	02	8	00	0	1	8	2,8	7	35	12	01	8	32	1	0	4	4	10		27					45	0	186	155	177
JÛBA	02	8	32	4	1	5	4,8	6	36	29	61	7	28	2	6	7	7	13		26					62	tr.	149	170	178

UPPER WINDS ON 10th — الرياح العليا يوم ١٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH h. m.	DIKHEILA h. m.	PORT SAÏD h. m.	HELWÂN 8 h. 45 m.	MINYA h. m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	KAREIMA 7 h. m.	[illegible] 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	[illegible] 7 h. m.	JÛBA 7 h. m.
				02 07 10		02 01 10	02 01 20	10 02 25	10 04 40	10 01 50	10 07 15	10 01 55	10 01 30	10 21 30
				05 04 20		05 01 40	05 03 40	15 35 10	15 06 15	15 02 80	15 09 15	15 05 35	15 07 35	15 30 10
				08 36 20		10 35 40	10 03 25	20 16 20	20 07 20	20 03 50	20 11 10	20 05 30	20 09 20	20 05 15
				10 33 30		15 36 40	15 36 10	30 15 10	30 05 15		30 09 10	30 03 20	30 13 15	
				15 32 30		20 34 40	20 30 10	40 23 30	40 05 15		40 04 20		40 14 20	
				20 31 40		25 25 45		45 24 30	45 22 15		45 04 20		45 16 20	
				23 29 55		30 28 80			50 19 30		50 05 20		50 15 15	
						40 24 95							60 12 20	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % 9th	Diff. from normal	Wet bulb temp. °C 9th	Diff. from normal
Alexandria	55	-10	10.9	-1.8
Ezbekiya	37	-23	11.3	-0.9
Giza	~~66~~ 58	~~+2~~ -8	~~11.8~~ 12.2	~~-0.4~~ 0
Helwân	36	-11	9.3	-1.7

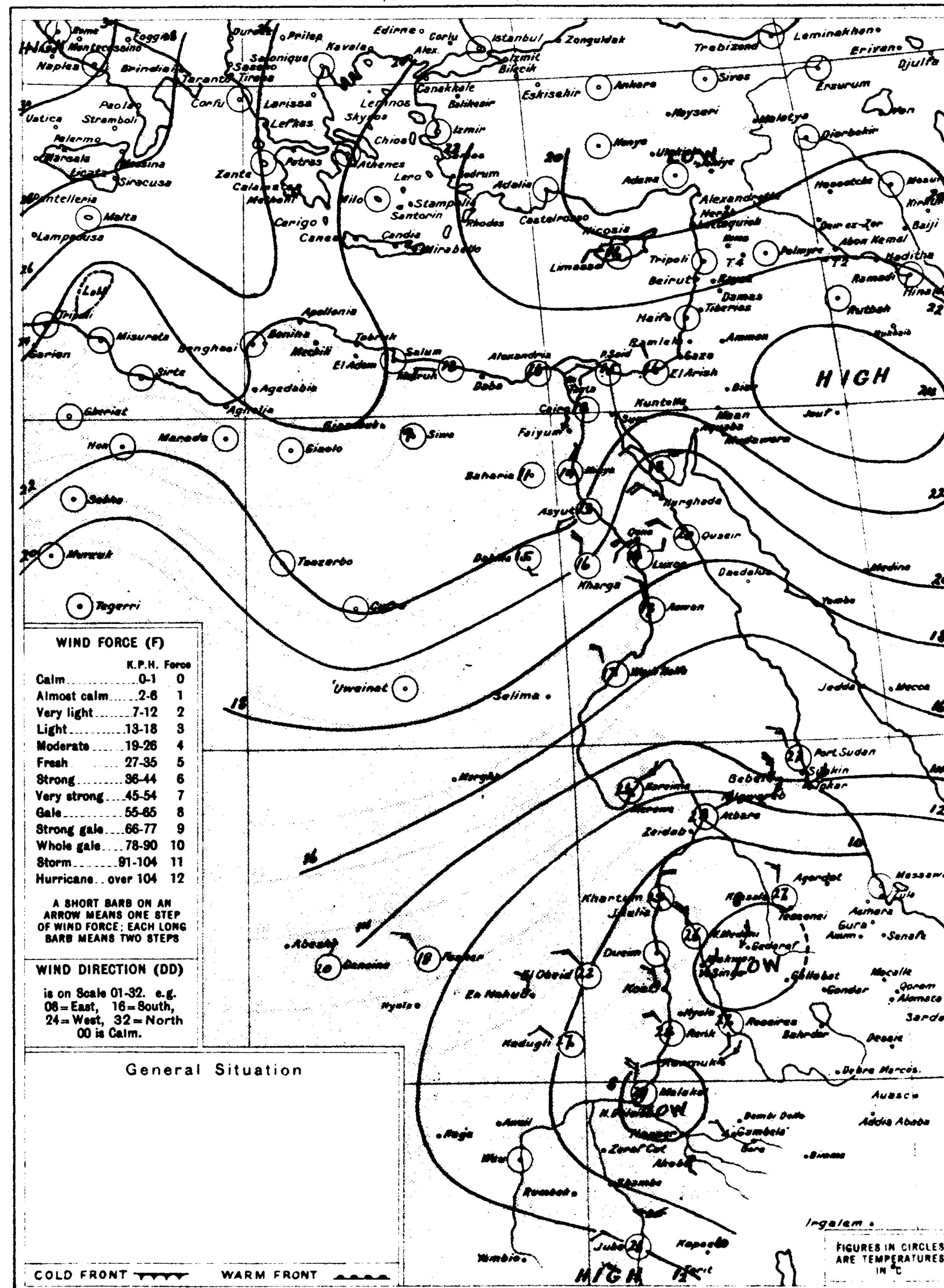
Giza Grass minimum on 10th 1.8 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
10 - 3	752	1042
9 - 3	810	1042

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.48	-0.79
Nâsser				5.01	-0.04
Malakâl		10.01	-0.24	10.03	-0.24
Roseires		11.42	-0.01	11.43	-0.02
Sennâr Res.				18.79	—
J. Aulia U.S	9				
J. Aulia D.S					
Khartûm	10			10.64	+0.40
Kh. el Girba					
'Atbara				10.56	+0.44
Kajnarti		132.73	+0.35	132.73	+0.33
Aswân Res.		119.07	—	119.02	—
Aswân D.S.		84.90	-0.90	85.01	-0.81
Roda (Cairo)		16.27	+0.69	16.27	+0.69

١٩٤٥-٣-١٠ Isobars, Wind and Temperature at 8 h. 10 - 3 - 1945



At 8 h. on 10th الساعة ٨ يوم — STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
N. Hamadi	00	8	00	0	0	3	4	19.8	—	14.0	25	—	9	—	50	0	16	—
Limassol	61	6	24	2	6	7	—	19.8	+5.4	11	—	—	—	—	—	11	590	398
SHIPS سفن																		

Remarks
Water Temp.
River Nile Cairo
15.9 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/854) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise 06h 10m

Sunset 18 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C

Month MARCH, 1945 ١٩٤٥ شهر مارس ١٩٤٥-٣-١١ Isobars, Wind and Temperature at 8 h. 11 - 3 - 1945

At 14 h. on 10th ١٠ الساعة ١٤ يوم — At 8 h. on SUNDAY, 11th ١١ الأحد الساعة ٨

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs. (PPP)	Temp. Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Diff. from norm °C	Minimum Today °C (mm)	Diff. from norm °C	Humidity (UU)	Rainfall Past 24 hrs. mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN: SALUM																		130
MATRUH	01	9	30	2	1	5	8	23.2	15.2	66	01 9 30 3 1 4 8	24.4	+7.7	11.2	16 -3	9 -1	85	131
DIKHEILA																		150
ALEXANDRIA	01	9	00	0	5	4	8	22.8	16.4	58	01 8 00 0 2 4 8	23.8	+7.6	15.3	19 -2	12 0	50	132
DAMIETTA	00	8	28	3	1	2	8	21.6	16.3	61	01 8 28 2 5 6 8	22.7	—	14.3	18	8	61	159
PORT SAID	00	8	02	2	0	2	5	21.4	18.2	55	02 8 26 3 2 5 6	23.6	+8.3	14.3	20 -1	11 -2	60	134
EL ARISH	01	9	30	2	1	3	8	21.0	16.7	74	01 9 00 0 1 3 8	24.0	+7.4	14.0	17 -3	8 -1	82	135
DELTA: DAMANHUR	02	7	24	3	2	5	8	22.0	17.2	52	00 6 24 3 0 0 —	23.5	+7.2	12.0	19 -4	7 -2	79	136
MANSURA	02	7	02	2	2	5	9	21.9	18.5	47	01 7 20 1 1 4 6	23.9	—	12.2	21 -2	7 -2	74	137
TANTA	01	8	28	3	1	4	8	21.6	18.6	54	01 8 00 0 1 4 8	23.8	+6.5	12.3	21 -2	5 -3	79	138
ZAGAZIG	02	7	28	2	1	5	8	21.6	19.9	57	01 7 24 2 0 3 8	23.6	+7.2	11.4	22 -1	7 -1	84	139
CAIRO: ALMAZA	01	7	02	2	0	4	8	22	20.0	32	00 7 00 0 0 2 1	23.5	—	12.4	21 —	9 —	70	141
EZBEKIYA	01	8	28	3	1	4	8	21.2	20.9	39	05 5 00 0 4 4 2	23.8	+7.5	12.1	21 -3	9 -1	71	140
GIZA	01	8	28	3	1	4	8	20.7	20.7	35	08 4 00 0 4 4 1	24.0	+7.2	10.2	21 -3	4 -4	91	142
HELWAN	00	8	26	5	0	3	8	20.4	19.8	27	02 6 00 0 2 5 1	23.8	+7.2	11.0	20 -3	9 -2	74	143
SUEZ																		13 144
NILE VALLEY: FAIYUM	01	8	32	3	1	3	8	20.7	20.8	27	02 8 02 2 2 6 3	23.8	+7.3	12.2	22 -3	9 0	71	153
MINYA	00	9	32	3	0	0	—	20.4	22.9	28	02 7 30 2 2 5 2	23.1	+6.8	11.9	23 -2	9 0	75	154
ASYUT	01	7	30	3	1	4	5	19.0	22.0	32	01 7 22 1 1 4 8	22.4	+5.8	12.0	24 -2	8 -2	76	155
QENA	02	6	02	2	2	6	5	17.9	22.4	26	02 7 28 2 2 5 8	20.6	+5.4	17.4	25 -4	14 +3	42	156
LUXOR	03	7	28	3	2	8	5	16.6	22.8	35	03 7 32 1 2 8 5	20.6	—	19.0	24	15	38	157
ASWAN	01	9	32	4	1	3	1	14.7	25.0	22	01 9 32 5 1 4 1	18.6	+3.2	19.3	26 -4	16 +2	22	158
SIWA	00	8	28	2	0	0	—	22.3	20.8	67	00 7 00 0 0 0 —	25.5	+7.3	10.8	22 -2	5 -3	65	148
BAHARIYA	00	9	00	0	0	0	—	21.1	21.2	33	00 9 00 0 0 0 —	25.4	+8.3	9.0	24	6	73	149
KHARGA	02	9	02	3	2	6	2	18.6	22.4	18	02 8 32 2 2 5 2	21.8	+5.6	16.5	24 -4	14 +4	27	151
DAKHLA	00	8	04	4	0	0	—	20.7	19.9	48	00 7 28 1 0 0 —	22.6	+5.9	13.2	25 -3	12 +3	53	152
RED SEA: TOR	00	6	28	3	0	0	—	16.2	20.9	68	00 6 28 2 0 3 1	18.4	+3.4	17.4	22 -2	15 +3	—	145
HURGHADA	02	7	30	5	2	6	0	17.4	23.0	26	02 7 28 4 2 6 0	—	—	16.5	24 -1	14 +2	38	146
QUSEIR	01	8	32	4	1	4	1	16.0	23.3	33	03 8 32 5 2 8 6	18.0	+3.5	19.0	23 -2	19 +3	49	147
PORT SUDAN																		169
NORTH SUDAN: WADI HALFA	00	8	30	5	0	0	—	13	28	10	00 9 30 4 0 3 1	17		17			28	165
KAREIMA	00	8	04	2	0	0	—	8	34	12	00 8 04 3 0 0 —	13		23			12	166
ATBARA	00	8	04	1	0	0	—	5	37	17	00 8 02 3 0 0 —	11		24			34	167
KHARTUM																		168
KASSALA	00	8	18	1	0	0	—	2	43	05	00 8 02 4 0 0 —	8		25			61	170
CENTRAL SUDAN: WAD MEDANI	00	8	32	2	0	0	—	3	39	10	00 8 02 4 0 0 —	8		26			45	171
DUEIM																		173
RENK	00	9	28	3	0	0	—	2	39	14	00 8 28 3 0 0 —	8		28			25	182
ROSEIRES	00	7	20	2	0	0	—	3	40	43	00 7 16 2 0 0 —	8		28			35	172
EL OBEID	00	9	04	3	0	0	—	4	35	13	00 8 30 3 0 0 —	10		22			19	174
EL FASHER	00	8	04	3	0	0	—	—	34	22	00 8 32 3 0 0 —	—		20			33	175
GENEINA	00	8	04	3	0	0	—	—	35	10	00 8 02 4 0 0 —	—		20			15	179
KADUGLI	00	8	02	5	0	0	—	4	39	10	02 8 24 2 1 5 1	9		27			23	187
S. SUDAN: MALAKAL	01	8	04	2	1	3	1	2	41	22	01 7 32 3 2 5 8,4	7		29			20	176
WAU	00	8	00	0	0	0	—	4	38	15	01 8 00 0 1 4 4	8		26			62	177
JUBA	02	8	30	2	1	6	2	6	37	22								178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 11th ١١ الأحد

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 45 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 7 h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA h. m.
				02 35 15		02 02 20	02 01 35	10 05 55	10 05 35	10 01 20	10 07 15	10 34 45	10 01 75	
				05 03 20		05 01 40	05 01 55	15 01 25	15 36 05	15 05 02	15 04 15	15 02 55	15 03 70	
				08 01 20		10 35 50	10 36 50	20 36 15	20 03 15	20 10 25	20 02 25	20 02 65	20 06 20	
				10 36 20		15 32 55	15 03 35		30 01 20	30 05 15	30 35 40	30 02 55		
				15 31 45		20 30 55	20 21 15		40 03 05	40 34 10				
				20 31 55		Expl. Cu.			45 29 10	45 33 10				
				21 31 40					50 10 10					

Forecast for 24 hours from noon on

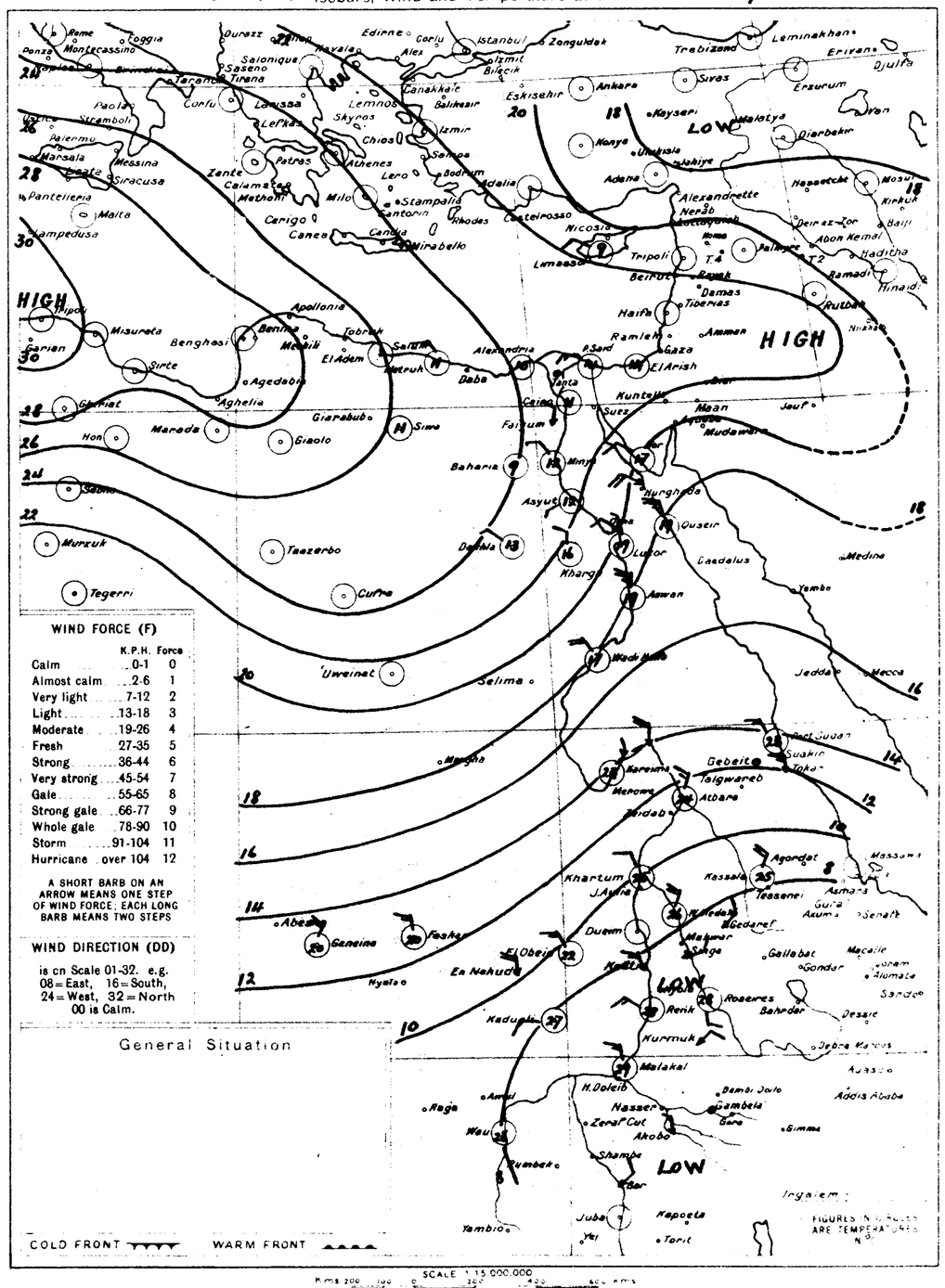
تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity on 10th	Diff. from normal	Wet Bulb Temp. °C on 10th	Diff. from normal
Alexandria	58	-7	11.5	-1.2
Ezbekiya	59	-1	12.0	-0.3
Giza	72	+8	12.1	-0.2
Helwan	52	+5	10.5	-0.6
Giza Grass minimum on	11th		1.6	°C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1940	1944
11-3	752	926
10-3	752	1042

GAUGE	Date 1945	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
		m.	m.	m.	m.
Jūba		—	—	13.48	-0.79
Nasser		—	—	—	—
Malakāl		—	—	10.01	-0.24
Roseires		11.40	-0.02	11.42	-0.01
Sennār Res		—	—	18.72	—
J. Aulia U.S	5	—	—	375.75	—
J. Aulia D.S	1	—	—	371.24	+0.77
Khartum	11	10.64	+0.44	10.65	+0.45
Kh. el Girba					
Atbara		10.52	+0.42	10.53	+0.42
Kajnarti		132.73	+0.37	132.73	+0.35
Aswān Res.		119.10	—	119.07	—
Aswān D.S.		84.90	-0.89	84.90	-0.90
Roda (Cairo)		16.13	+0.85	16.27	+0.69



General Situation

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

STATION	Present Weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs. (PPP)	Temp. Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Diff. from norm °C	Minimum Today °C (mm)	Diff. from norm °C	Humidity (UU)	Rainfall Past 24 hrs. mms	Total from Oct 1 mms	Normal from Oct 1 mms
At 8 h. on 11th ١١ الأحد الساعة ٨																	
H. Hamadi	02	8	00	0	1	6	4	21.1	—	13.2	23	—	11	—	64	0	16	—
Limassol	01	8	26	2	1	3	—	20.2	+6.8	9	—	—	—	—	—	dy.	590	400

SHIPS سفن

Water Temp. River Nile Cairo 16.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines dept 1938 (38/554) 1939 (39/727)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO

Time of Sunrise 06 h 08 m

Sunset 18 h 01 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month MARCH, 1945 — شهر مارس ١٩٤٥ — ١٩٤٥-٣-١٢ — Isobars, Wind and Temperature at 8 h. — 12-3-1945.

At 14 h. on 11th — الساعة ١٤ يوم ١١

Station	Present Weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press. M.S.L. 1000+ mbs (PPP)	Temp. (TTT)	Humidity (UU)
SALUM										
MATRUH	01	9	26	4	1	4	8	24.8	14.9	59
DIKHEILA										
ALEXANDRIA	01	9	24	4	2	4	8	23.6	17.3	44
DAMIETTA	01	8	28	4	1	5	8	22.7	15.7	59
PORT SAID	02	8	28	2	2	5	8	22.0	17.5	45
EL 'ARISH	01	9	30	1	2	4	8	21.8	16.0	72
DAMANHUR	01	7	28	4	1	5	8	23.4	18.2	48
MANSURA	02	7	32	2	2	5	6	23.0	17.4	42
TANTA	02	8	28	2	1	5	8	23.0	18.8	45
ZAGAZIG	02	7	28	2	1	5	8	23.0	18.1	54
CAIRO: ALMAZA	02	7	32	2	1	5	8	23.0	17.0	44
EZBEKIYA	02	8	28	2	1	6	8	23.0	18.8	41
GIZA	02	8	30	2	1	5	8	22.6	19.0	41
HELWAN	02	8	28	4	2	5	8	22.8	17.0	36
SUEZ										
FAIYUM	02	8	32	3	2	6	6	22.4	18.3	33
MINYA	02	8	32	3	2	6	4	22.6	20.7	39
ASYUT	01	8	30	2	1	4	2	21.4	20.5	30
QENA	02	7	26	4	2	5	4	18.4	23.6	21
LUXOR	02	7	28	3	2	5	2	18.4	25.0	21
ASWAN	01	9	32	6	1	3	1	16.0	26.0	13
SIWA	00	8	28	3	0	0	—	26.4	19.5	59
BAHARIYA	01	9	00	0	1	4	—	23.9	20.5	30
KHARGA	02	8	32	5	2	5	2	19.1	23.0	21
DAKHLA	00	8	28	4	0	0	—	21.5	22.7	31
TOR	02	6	28	3	1	8	1	17.8	19.3	70
HURGHADA	02	7	30	5	3	5	0	17.6	21.0	27
QUSEIR	02	8	32	4	2	6	5	17.4	20.8	47
PORT SUDAN										
WADI HALFA	18	6	30	5	0	1	1	15	29	11
KAREIMA	00	8	04	3	0	0	—	8	34	09
'ATBARA	00	8	30	3	0	0	—	6	36	22
KHARTUM										
KASSALA	00	8	00	0	0	0	—	2	40	10
WAD MEDANI	00	8	30	2	4	0	—	3	39	16
DUEIM										
RENK	00	9	28	3	0	0	—	3	41	14
ROSEIRES	00	7	30	2	0	0	—	1	41	40
EL OBEID	00	8	32	4	0	0	—	5	35	18
EL FASHER	01	8	04	3	1	4	1	—	35	13
GENEINA	01	8	02	3	1	4	2	—	34	09
KADUGLI	00	8	04	4	0	1	1	5	39	07
MALAKAL	00	7	32	4	1	0	—	2	40	11
WAU	00	8	04	1	5	0	—	6	39	08
JUBA	02	8	04	3	1	5	4	5	38	25

At 8 h. on MONDAY, 12th — الاثنين ١٢

Station	Present Weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs.	Temp. Dry Bulb (TTT)	Yesterday Max (MM)	Diff. from norm. °C	Today Min (mm)	Diff. from norm. °C	Humidity (UU)	Rainfall Past 24 hrs (mms)	Total from Oct 1 (mms)	Normal from Oct 1 (mms)	Station Number
SALUM																			130
MATRUH	02	8	24	4	2	7	6	23.4	+6.7	11.2	16	-3	9	-2	85	0	97	148	131
DIKHEILA																			150
ALEXANDRIA	02	8	28	6	2	6	9	22.3	+6.2	15.0	18	-3	12	-1	56	0	236	174	132
DAMIETTA	02	7	20	3	5	5	6	22.0	—	11.0	17		8		85	dz.	97	95	159
PORT SAID	03	8	14	4	2	8	5	21.6	+6.4	11.9	19	-2	11	-2	75	dz.	77	66	134
EL 'ARISH	00	9	20	1	0	0	—	21.5	+5.0	14.6	19	-1	9	0	60	0	220	77	135
DAMANHUR	01	6	20	4	1	4	8	22.7	+6.4	11.2	18	-5	7	-2	73	0	119	87	136
MANSURA	02	7	20	2	2	5	9	23.0	—	10.8	19	-4	6	-3	77	0	46	44	137
TANTA	20	6	24	2	5	8	7	23.8	+7.0	10.0	20	-3	6	-2	80	1	49	34	138
ZAGAZIG	02	6	20	2	1	5	8	23.8	+7.4	12.2	20	-3	6	-2	76	0	41	23	139
CAIRO: ALMAZA	00	7	22	2	0	1	6	24.6	—	12.0	18		9		65	0	44		141
EZBEKIYA	05	6	16	2	0	3	4	24.7	+8.4	10.9	19	-5	9	-1	67	0	41	20	
GIZA	05	6	24	2	1	3	4	24.8	+8.0	12.2	20	-4	6	-2	76	0	41	20	
HELWAN	05	6	00	0	1	3	4	25.0	+8.5	10.0	18	-5	8	-3	70	0	50	21	143
SUEZ																		13	144
FAIYUM	00	8	00	0	0	0	—	25.5	+9.1	9.8	19	-6	7	-2	68	0	75	7	153
MINYA	01	8	32	2	1	3	2	25.8	+9.1	11.2	21	-4	6	-3	69	0	1		154
ASYUT	01	7	22	1	1	4	2	25.0	+8.5	11.1	23	-3	6	-4	68	0	14	4	155
QENA	01	7	04	3	1	4	1	22.8	+7.7	15.6	24	-6	10	-1	39	0	20		156
LUXOR	00	7	28	3	0	0	—	23.1	—	16.8	25		11		33	0	tr.		157
ASWAN	01	9	32	5	1	3	1	22.0	+6.7	15.8	26	-4	12	-2	34	0	dz.	—	158
SIWA	00	7	00	0	0	0	—	27.5	+9.4	9.0	21	-4	4	-4	73	0	5	7	148
BAHARIYA	00	9	00	0	0	0	—	25.0	+8.0	10.5	22		5		57	0	7		149
KHARGA	00	8	32	3	0	3	1	24.6	+8.5	13.5	23	-5	10	0	44	0	4	—	151
DAKHLA	00	8	28	1	0	0	—	26.0	+9.4	12.5	23	-5	10	+1	50	0	tr.		152
TOR	02	6	30	3	2	7	1	22.2	+7.3	16.1	22	-2	12	0	87	0	3	12	145
HURGHADA	01	8	30	5	1	4	8	20.6	+5.7	16.3	22	-3	10	-2	43	0	8	—	146
QUSEIR	00	8	30	4	0	0	—	20.3	+5.8	14.0	23	-2	15	-2	48	0	20	—	147
PORT SUDAN																0	62	94	169
WADI HALFA	18	5	04	5	0	0	—	16		21					20	0	0	1	165
KAREIMA	18	6	30	4	0	0	—	13		22					25	0	0	2	166
'ATBARA																0	tr.	4	167
KHARTUM																0	9	8	168
KASSALA	00	8	02	3	0	0	—	9		26					58	0			170
WAD MEDANI	18	6	32	5	3	0	—	9		31					18	0	8	12	171
DUEIM																0	4	14	173
RENK	28	4	0	0	0	0	—	7		29					22	—	—	49	182
ROSEIRES	00	7	02	2	0	0	—	7		28					35	0	1	37	172
EL OBEID	05	5	30	4	0	0	—	12		21					33	0	6	16	174
EL FASHER	05	5	02	3	0	0	—	—		18					30	0	5	6	175
GENEINA	05	5	02	5	0	0	—	—		19					32	—	—	4	179
KADUGLI	05	5	04	4	0	3	1	10		27					—	—	—	91	187
MALAKAL	00	8	32	5	0	0	—	7		31					21	0	52	90	176
WAU	00	8	00	0	2	4		9		25					42	tr.	186	156	177
JUBA	00	8	18	3	0	0	—	9		26					51	0	149	172	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 12th — الرياح العليا ١٢

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	8 h 45 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.
				02 21 05		02 36 20	02 35 25	10 02 75	10 04 70	10 36 30	10 07 30		10 03 80	10 13 30
				05 28 20		05 01 40	05 35 45	15 01 35	15 01 25	15 04 40	15 09 40		15 05 75	15 11 30
				08 27 25		10 34 50	10 02 60	20 36 20	20 09 15	20 06 35	20 12 35		20 05 65	20 11 20
				10 27 20		15 32 45	15 34 35	25 36 20		25 06 35	30 20 20		25 06 05	25 11 20
				13 29 25		20 34 50	20 29 30		40 35 35					
						25 35 40			43 32 15					
						30 01 35								

Forecast for 24 hours from noon on

تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر يوم

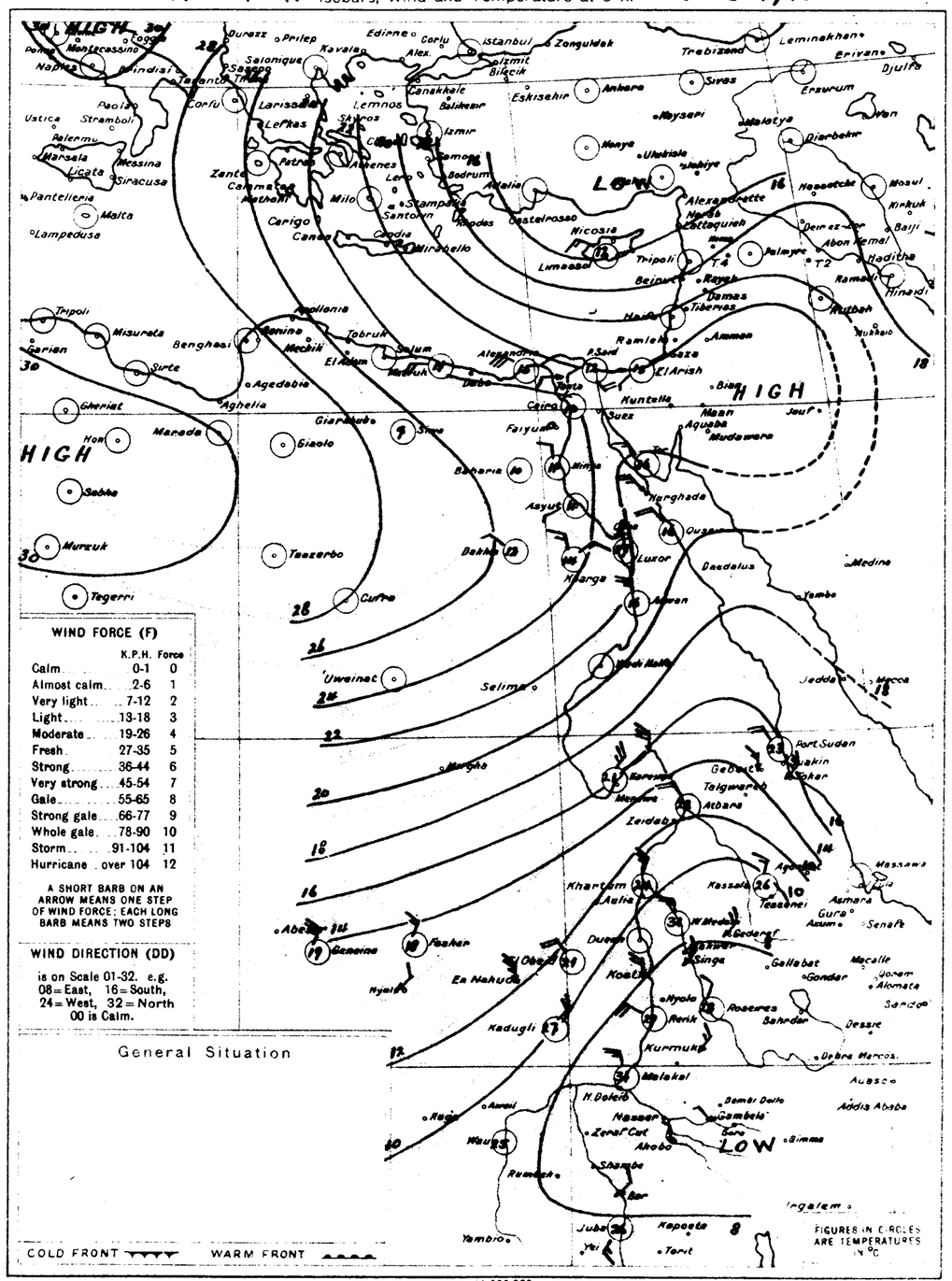
Station	Humidity on 11th	Humidity Diff. from normal	Humidity on 11th	Humidity Diff. from normal	Wet Bulb Temp. °C	Wet Bulb Temp. Diff. from normal
	Mean of day				Previous day	
Alexandria	47	-18	10.3	-2.5		
Ezbekiya	61	+1	10.3	-2.1		
Giza	76	+12	10.5	-1.7		
Helwan	54	+7	9.6	-1.6		
Giza Grass minimum	72th		2.5		°C	

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
12-3	752	926
11-3	752	926

GAUGE	Date 1945	Reading	Diff. from normal	Previous day Reading	Previous day Diff. from normal
Juba					
Nasser				5.00	-0.04
Malakal		9.97	-0.24	10.00	-0.24
Roseires		11.39	-0.03	11.40	-0.02
Sennar Res.	10			18.64	—
J. Aulia U.S	1			375.71	—
J. Aulia D.S				371.80	+0.78
Khartum	12			10.64	+0.42
Kh. el Girba					
'Atbara		10.50	+0.41	10.52	+0.42
Kajnarti				133.73	+0.37
Aswan Res.		119.14	—	119.10	—
Aswan D.S.		88.90	-0.88	88.90	-0.87
Roda (Cairo)		16.11	+0.62	16.13	+0.65

Printing by the Survey & Map Department (1435 (38, 554) 1939 (39/777))



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

At 8 h. on 12th — الساعة ٨ يوم ١٢

Station	Present Weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs.	Temp. Dry Bulb (TTT)	Yesterday Max (MM)	Diff. from norm. °C	Today Min (mm)	Diff. from norm. °C	Humidity (UU)	Rainfall Past 24 hrs (mms)	Total from Oct 1 (mms)	Normal from Oct 1 (mms)
N. Hamadi	00	8	00	0	0	3	N	23.8	—	12.9	23	—	7	—	56	0	16	—
Limassol	01	6	26	3	6	4	—	15.1	+0.8	12	—	—	—	—	—	6	596	402

SHIPS — سفن

Remarks
Water Temp. River Nile Cairo 16.4 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise h m 06 07

Sunset 18 02

Month *March* 1945 ١٩٤٥ *شهر مارس*

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	14h 12th: Present Weather ww	V	Wind Dir DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	8h Tuesday 13th: Present Weather ww	Visibility V	Wind Dir DD	Force F	Past Weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM																													130
MATRUH	01	9	28	6	1	4	8	23.0	15.0	78	01	9	32	3	1	3	8	27.8	+11.1	12.8	16	-3	11	0	59	dr	97	148	131
DIKHEILA																													150
ALEXANDRIA	02	8	24	6	5	6	6	22.2	14.3	75																		175	132
DAMIETTA	02	8	24	1	6	5	8	20.0	13.5	91	01	8	28	4	2	4	8	25.2	–	12.2	17		11		54	tr	98	95	159
PORT SAID	03	8	24	4	2	8	6	20.3	15.9	66	02	8	28	3	2	5	9	24.4	+9.2	12.8	17	-4	11	-2	54	1	78	67	134
EL ARISH	01	8	30	2	1	4	8	20.3	17.9	60	01	8	20	1	6	4	9	22.6	+6.1	13.2	19	-1	7	0	55	9	229	77	135
DAMANHUR	03	6	24	5	5	8	5	21.6	14.4	75	01	6	04	3	1	4	4	25.8	+9.6	12.0	17	-6	8	-1	54	dr	119	87	136
MANSURA	50	6	28	2	5	8	9	21.8	15.5	63	01	7	32	2	1	4	8	25.9		11.2	17	-6	6	-3	61	dr	46	44	137
TANTA	03	6	28	4	2	8	7	21.6	16.0	69	00	8	00	0	0	0	–	26.6	+9.8	10.0	18	-6	4	-4	68	dr.	49	34	138
ZAGAZIG	03	5	08	2	1	8	7	22.2	15.9	72	02	6	26	2	1	5	9	25.9	+9.6	8.8	17	-7	5	-3	87	0	41	23	139
ALMAZA	02	8	30	4	2	6	6	22.8	16.8	41	01	8	32	1	1	4	4	25.6	–	10.7	19		8		56	0	44		141
EZBEKIYA	03	8	26	3	2	8	9	22.3	17.4	42	05	5	26	3	1	4	4	26.4	+10.2	11.6	19	-5	9	-1	53	0	41	20	—
GIZA	03	8	26	3	2	8	9	21.8	19.3	41	05	5	30	3	1	3	4	26.4	+9.6	11.4	21	-3	8	0	59	0	41	20	—
HELWAN	03	8	24	5	1	8	8	21.8	17.1	36	00	6	30	4	0	0	–	26.0	+9.6	10.7	18	-6	9	-2	50	0	50	22	143
SUEZ																												13	144
FAIYUM	01	8	28	4	1	4	6	23.0	18.0	32	00	8	32	4	0	0	–	26.7	+10.3	9.9	20	-5	9	0	55	0	75	7	153
MINYA	00	8	32	4	1	0	–	23.1	20.4	31	00	8	02	2	0	0	–	25.8	+9.1	12.8	21	-4	8	-1	66	0	1		154
ASYUT	01	7	30	3	1	3	2	22.7	18.5	42	00	7	22	1	0	0	–	25.4	+9.0	11.6	20	-6	6	-4	79	0	14	4	155
QENA	01	8	26	3	1	4	1	19.2	24.0	22	00	8	02	2	1	0	–	22.6	+7.5	15.6	25	-5	8	-3	51	0	20		156
LUXOR	01	7	30	4	1	4	1	19.6	22.5	20	00	7	30	4	0	0	–	22.4		16.5	23		11		42	0	tr.		157
ASWAN	01	9	32	3	1	4	1	–	22.7	15	00	9	32	3	0	0	–	21.5	+6.3	13.0	23	-7	11	-3	35	0	dr.	–	158
SIWA	02	8	28	2	1	7	4	25.8	19.0	64	00	7	00	0	0	0	–	28.2	+10.1	11.5	20	-5	8	0	53	0	5	7	148
BAHARIYA											01	9	00	0	1	4	–	28.2	+11.2	15.0	20		9		68	0	7		149
KHARGA	00	9	32	5	0	3	1	21.9	19.8	31	00	9	32	3	0	0	–	24.2	+8.2	14.1	20	-9	8	-3	50	0	4	–	151
DAKHLA	00	8	32	2	0	0	–	23.6	20.0	36	00	7	32	2	0	0	–	26.0	+9.4	13.2	31	-7	8	-2	64	0	tr.		152
TOR	01	6	28	3	0	4	1	19.1	19.2	55	00	6	28	3	0	0	–	21.5	+6.7	16.3	19	-5	13	+1	58	0	3	12	145
HURGHADA	02	7	02	6	2	5	8	19.4	19.0	35	00	9	28	4	0	0	–	21.0	+6.1	19.0	21	-4	12	0	50	0	8	–	146
QUSEIR	00	8	32	4	0	0	–	18.6	19.9	47	00	8	32	5	0	0	–	20.7	+6.3	17.0	21	-4	15	-2	57	0	20	–	147
PORT SUDAN											–															0	82	94	169
WADI HALFA	18	5	30	6	0	0	–	18	23	07	00	8	30	5	0	3	1	22		13					38	0	dr.	–	165
KAREIMA	18	5	04	4	0	0	–	12	31	09	00	7	02	3	0	0	–	17		17					22	0	0	1	166
ATBARA	18	6	04	4	0	0	–	7	35	20	18	6	32	4	0	0	–	14		19					30	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	32	3	0	0	–	4	39	14	00	8	04	5	0	0	–	10		29					43	0	9	8	170
WAD MEDANI	00	8	02	4	3	0	–	3	39	16	00	7	02	4	0	0	–	11		24					17	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	28	3	0	0	–	3	38	21	00	9	28	4	0	0	–	10		26					18	–	–	49	182
ROSEIRES	00	7	20	2	0	0	–	2	40	38	00	7	28	2	0	0	–	9		27					33	0	1	37	172
EL OBEID	05	5	32	4	0	0	–	7	34	07	18	5	32	4	0	0	–	15		19					17	0	6	16	174
EL FASHER	05	6	04	4	0	0	–	–	32	22	05	6	30	4	0	0	–	–		16					34	0	5	6	175
GENEINA	18	6	12	5	0	0	–	–	–		18	6	02	5	0	0	–	–		16					28	–	–	4	179
KADUGLI	12	5	04	4	0	0	–	7	37	14	12	5	02	4	0	0	–	11		25					09	–	–	91	187
MALAKAL	00	7	04	4	1	1	1	–	–	–	05	6	32	6	1	0	–	9		27					17	0	52	90	176
WAU	00	8	04	2	0	0	–	4	39	13	00	8	00	0	0	0	–	11		26					20	0	186	156	177
JUBA	01	8	32	1	0	4	8	3	41	13	00	8	32	1	0	1	4	11		28					52	0	149	173	178

UPPER WINDS ON 13th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	Cairo	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	Fasher	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	9h 45m	8h 45m	h m	7h m	h m	7h m	7h m	7h m	7h m	h m	7h m	h m
			00 35 15	02 35 25		02 36 25		10 03 45	10 05 70	10 01 30	10 03 30		10 01 70	
			02 35 15	05 35 25		05 02 30		15 01 35	15 01 30	15 01 25	15 08 15		15 02 90	
			05 01 15	08 35 25		10 01 45		20 29 35	20 01 20	30 01 10	20 09 15		20 03 85	
			09 01 40	10 36 35		15 35 40		30 27 55	30 04 05	40 23 10	30 01 10			
				15 35 35		20 34 40		35 27 55	40 34 20	45 23 05	35 36 05			
			Ent. Cu.	20 36 45		25 32 50			45 33 15	50 10 20				
				22 36 40		30 32 40			50 26 30					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 12th	Diff. from normal	Wet Bulb Temp °C on 12th	Diff. from normal
Alexandria				
Ezbekiya	62	+2	10.1	-2.4
Giza	69	+5	11.1	-1.4
Helwan	58	+11	9.4	-1.9

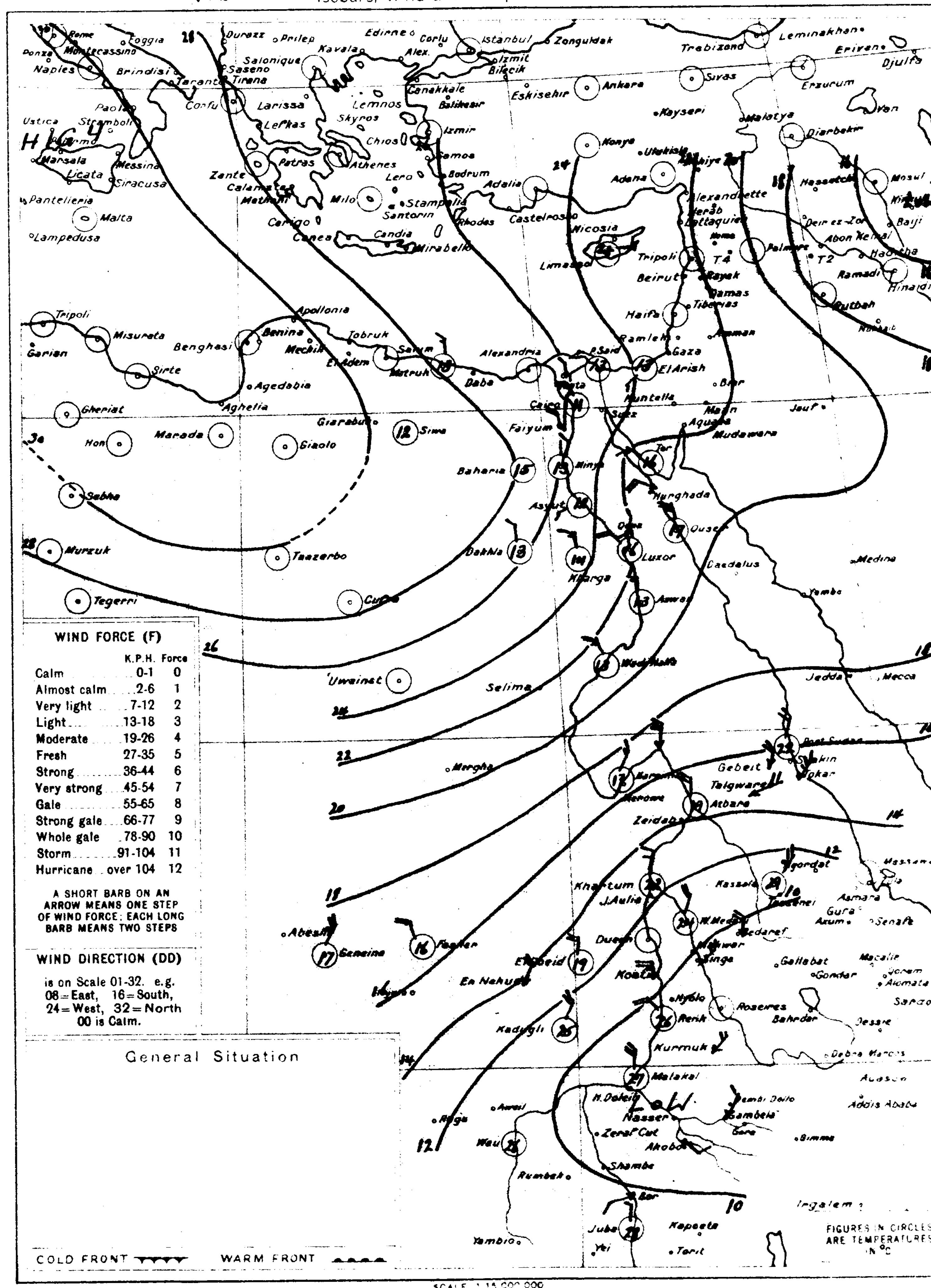
Giza Grass minimum on 13th 5.9 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
13 – 3	752	926
12 – 3	752	926

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	13 – 3			12.47	-0.79
Nasser				5.00	-0.04
Malakal		9.97	-0.25	9.99	-0.24
Roseires		11.37	-0.05	11.39	-0.03
Sennar Res.				18.5	–
J. Aulia U.S				375.53	–
J. Aulia D.S				371.90	+0.85
Khartum				10.61	+0.42
Kh. el Girba					
Atbara				10.50	+0.41
Kajnarti				132.76	+0.42
Aswan Res.		119.15	–	119.14	–
Aswan D.S.		84.90	-0.87	84.90	-0.88
Roda (Cairo)		16.11	+0.51	16.11	+0.52

١٩٤٥-٣-١٣ Isobars, Wind and Temperature at 8 h. 13 - 3 - 1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

STATION	At 8 h. on 13th: Present Weather ww	Visibility V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Yesterday °C MM	Diff. from norm. °C	Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi																	16	–
Limassol	04	7	08	1	0	0	–	23.1	+8.8	4	–	–	–	–	–	0	596	403
SHIPS																		

Remarks

Water Temp. River Nile Cairo 16.3 °C

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER	(W)
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY	(V)
Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD AMOUNT	(N)
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM	(C)
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 06 m
Sunset 18 h 02 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MARCH, 1945 ١٩٤٥ شهر مارس

STATION	At 14 h. on 13th (الساعة ١٤ يوم ١٣) PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ m.b.s. PPP	TEMP. °C TTT	% HUMIDITY UU	At 8 h. on WEDNESDAY 14th (الساعة ٨ يوم الأربعاء ١٤) PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ m.b.s. PPP	Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms.	RAINFALL Total from Oct 1 mms.	RAINFALL Normal from Oct 1 mms.	STATION NUMBER
MEDITERRANEAN																													
SALUM																													130
MATRUH	01	9	32	4	1	4	8	28.6	13.8	59	02	8	04	2	2	6	6	28.3	+11.7	13.8	15	-4	12	+1	61	0	97	149	131
DIKHEILA																													150
ALEXANDRIA	01	9	04	4	2	4	8	27.0	14.5	46	03	8	00	0	2	8	5	28.6	+12.6	12.2	16	-5	11	-2	54	0	237	175	132
DAMIETTA	01	8	32	3	1	4	8	26.6	13.4	57	02	7	08	3	2	6	6	27.9	—	12.5	14		10		70	0	98	96	159
PORT SAID	01	8	30	3	1	4	6	25.0	16.8	46	02	8	04	3	2	5	6	27.1	+12.0	12.9	18	-3	11	-2	55	0	78	67	134
EL 'ARISH	01	9	30	2	1	4	9	25.1	14.4	53	01	9	32	2	1	4	8	28.2	+11.8	11.4	19?	-1	7	-2	61	0	229	78	135
LOWER EGYPT																													
DAMANHUR	01	7	32	4	1	4	8	26.7	15.0	45	02	6	32	3	1	5	4	28.0	+11.7	12.0	16	-7	8	-1	63	0	119	88	136
MANSURA	01	8	02	2	1	4	8	26.3	16.2	42	01	7	02	2	1	3	6	28.0	—	13.5	17	-6	8	-1	53	0	46	44	137
TANTA	01	8	28	3	1	4	8	26.2	15.5	48	01	7	00	0	1	4	4	27.9	+11.1	10.0	18	-6	4	-4	74	0	49	34	138
ZAGAZIG	01	7	20	3	1	4	8	26.2	17.6	58	02	6	04	3	1	5	7	27.8	+11.8	10.6	18	-6	6	-2	79	0	41	23	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	05	3	1	4	8	25.8	15.1	43	00	7	05	3	1	1	8	26.7	—	10.1	17	—	7	—	66	0	44	—	141
CAIRO EZBEKIYA	01	8	02	4	1	4	8	25.6	17.3	44	09	5	02	2	0	0	—	27.0	+10.8	10.1	16	-7	6	-4	72	0	41	20	—
CAIRO GIZA	01	8	04	3	1	4	8	25.5	16.3	44	09	5	02	3	0	0	—	27.1	+10.3	10.2	17	-7	5	-3	70	0	41	20	—
HELWAN	00	7	28	3	0	3	4	25.4	16.0	33	05	6	04	5	0	0	—	26.3	+9.9	11.1	16	-8	8	-3	52	0	50	22	143
SUEZ																												13	144
UPPER EGYPT																													
FAIYUM	00	8	02	4	0	1	8	25.5	16.5	33	00	8	32	4	0	0	—	26.2	+9.8	11.2	17	-8	6	-3	58	0	75	7	153
MINYA	00	8	32	4	1	0	—	24.6	15.8	31	00	8	32	4	0	0	—	24.8	+8.2	10.2	18	-7	7	-3	61	0	1	—	154
ASYUT	00	7	32	3	0	0	—	23.6	17.1	51	00	7	22	1	0	0	—	23.9	+7.6	8.8	19	-7	4	-6	76	0	14	4	155
QENA	00	9	26	2	0	0	—	20.2	24.2	32	00	9	24	2	0	0	—	21.9	+6.9	11.4	26	-4	5	-6	59	0	20	—	156
LUXOR	00	7	30	4	0	0	—	19.8	24.0	33	00	7	08	2	0	0	—	21.5	—	15.0	25	—	4	—	41	0	ty.	—	157
ASWAN	01	9	32	4	1	3	1	17.8	24.3	24	00	9	32	4	0	0	—	20.8	+5.7	12.7	25	-5	10	-5	39	0	dy.	—	158
WESTERN DESERT																													
SIWA	03	8	04	2	2	8	4	27.9	18.6	57	00	7	00	0	0	0	—	28.7	+10.7	10.0	19	-6	3	-5	62	0	5	7	148
BAHARIYA	00	9	00	0	0	0	—	25.4	20.5	30	00	9	32	1	0	0	—	—	—	9.5	22	—	5	—	67	0	7	—	149
KHARGA	00	9	32	3	0	0	—	22.8	20.2	39	00	8	32	3	0	0	—	23.0	+7.0	12.5	21	-8	9	-2	46	0	4	—	151
DAKHLA	00	8	32	3	0	0	—	24.4	20.0	47	00	8	32	3	0	0	—	26.0	+9.5	12.3	20	-8	8	-2	55	0	ty.	—	152
RED SEA																													
TOR	00	6	28	3	0	0	—	20.7	17.1	69	00	6	32	1	0	0	—	21.5	+6.7	15.2	22	-2	7	-5	42	0	3	12	145
HURGHADA	00	9	30	5	0	0	—	20.8	18.5	31	00	9	28	5	0	0	—	22.2	+7.4	14.0	20	-5	9	-3	48	0	8	—	146
QUSEIR	00	8	32	4	0	0	—	20.0	19.8	51	00	8	28	4	0	0	—	20.0	+5.6	16.0	20	-5	14	-3	56	0	20	—	147
PORT SUDAN																										0	82	94	169
NORTH SUDAN																													
WADI HALFA	00	8	30	5	0	2	2	19	23	18	00	9	30	3	0	0	—	21		11					41	0	dy.	—	165
KAREIMA	00	7	02	4	0	0	—	13	30	07	00	8	02	3	0	0	—	16		17					30	0	0	1	166
ATBARA	00	7	02	5	0	0	—	9	33	23	00	7	28	4	0	0	—	14		21					28	0	0	2	167
KHARTUM																										0	ty.	4	168
KASSALA	00	7	28	1	0	0	—	4	38	18	00	8	02	4	0	0	—	11		23					32	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI											00	8	02	5	0	0	—	13		20					26	0	8	12	171
DUEIM																										0	4	144	173
RENK											00	9	32	4	0	0	—	10	—	25		—		—	14	—	—	49	182
ROSEIRES											00	7	32	2	0	0	—	9		25					30	0	1	37	172
EL OBEID	18	6	32	4	0	0	—	8	31	11	00	7	32	4	0	0	—	14		18					15	0	6	16	174
EL FASHER	05	7	32	4	0	0	—	—	31	29	05	6	32	4	0	0	—	—		17					37	0	5	6	175
GENEINA	00	8	04	5	0	0	—	—	30	05	05	6	02	4	0	3	1	—		18					10	—	—	4	179
KADUGLI											00	7	04	4	0	0	—	12		24					07	—	—	91	187
S. SUDAN																													
MALAKAL											00	7	32	4	0	0	—	10		26					21	0	52	90	176
WAU											00	7	02	2	0	0	—	10		23					27	0	186	157	177
JUBA	05	7	30	3	1	3	4	6	36	27	05	6	24	2	0	1	—	12		27					52	0	149	174	178

UPPER WINDS ON 14th — الرياح العليا يوم ١٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 9 h. m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 7 h. m.	FASHER 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA 7 h. m.
				02 04 40		02 33 30	02 01 20	10 01 35	10 05 45	10 02 30	10 06 25	10 01 55	10 02 —	10 32 25
				05 08 10		05 01 45	05 02 25	15 31 05	15 36 15	15 05 25	15 07 30	15 05 60	15 04 50	18 36 20
				08 04 55		10 02 25	10 01 20	20 29 20	20 30 15	20 07 40	20 08 20	20 05 55		20 03 15
				10 06 40		15 06 20	15 34 15	30 27 25	30 30 15	30 03 15	30 36 10	30 05 40		
				12 06 40		20 05 15	20 36 05		40 30 20	40 28 05	40 32 20			
						25 27 05	25 31 10		45 31 35	45 22 05				
						30 32 30			50 33 25	50 19 35				
										60 07 15				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day HUMIDITY % on 13th	Diff. from normal	WET BULB TEMP. °C on 13th	Diff. from normal
Alexandria	51	-14	8.5	-4.4
Ezbekiya	55	-5	9.1	-3.5
Giza	58	-6	9.3	-3.3
Helwan	46	-1	7.9	-3.4
Giza Grass minimum on 14th			1.9 °C	

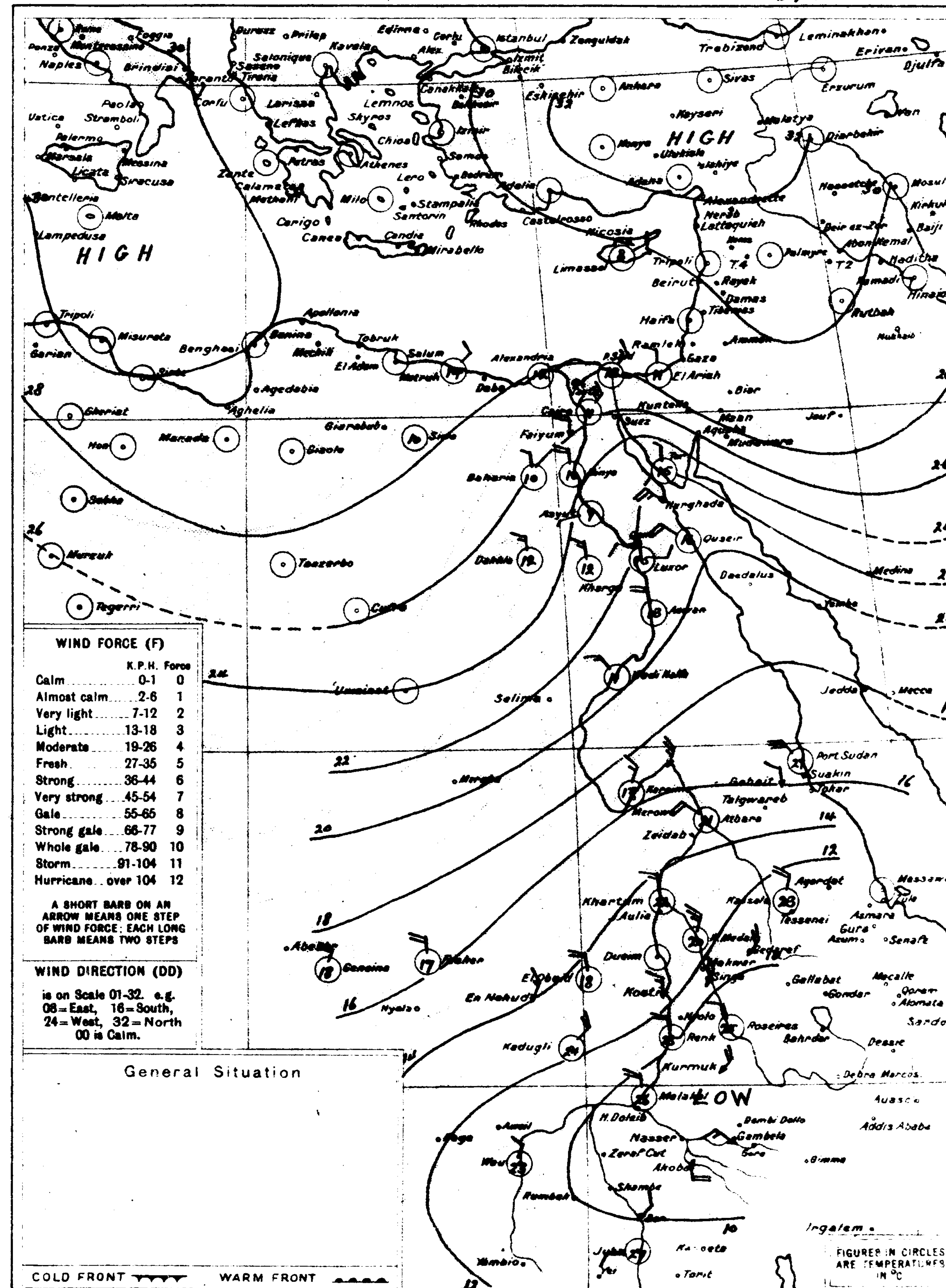
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
14-3	752	926
13-3	752	926

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.47	-0.77
Nasser				4.95	-0.09
Malakâl		9.97	-0.24	9.97	-0.25
Roseires		11.35	-0.07	11.37	-0.05
Sennâr Res.	13			18.43	—
J. Aulia U.S					
J. Aulia D.S					
Khartûm	14			10.61	+0.43
Kh. el Girba					
'Atbara		10.53	+0.46	10.52	+0.44
Kajnarti		132.77	+0.46	132.76	+0.45
Aswân Res.		119.20	—	119.15	—
Aswân D.S.		84.89	-0.88	84.90	-0.87
Rôda (Cairo)		16.11	+0.51	16.11	+0.51

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٣-١٤ Isobars, Wind and Temperature at 8 h. 14 - 3 - 1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

STATION محطة	At 8 h. on 14th (الساعة ٨ يوم ١٤) PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ m.b.s. PPP	Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms.	RAINFALL Total from Oct 1 mms.	RAINFALL Normal from Oct 1 mms.
N. Hamadi	00	8	00	0	0	0	—	22.2	—	9.3	22	—	6	—	69	0	16	—
Limassol	00	9	06	2	0	2	—	29.7	+14.5	8	—	—	—	—	—	0	596	404
SHIPS سفن																		

Remarks
Water Temp. River Nile Cairo 16.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 06 h 05 m
Sunset 18 h 03 m

Month *MARCH*, 1945 ١٩٤٥ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 14th الساعة ١٤ يوم ١٤

Region	Station	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. press. M.S.L. 1000+ mbs (PPP)	Temp. °C (TTT)	% Humidity (UU)
Mediterranean	SALUM										
	MATRUH	02	8	04	1	2	8	6	28.4	15.1	61
	DIKHEILA										
	ALEXANDRIA	01	9	26	4	2	4	8	27.8	15.4	59
	DAMIETTA	02	8	04	4	2	5	6	27.0	14.0	62
	PORT SAID	01	8	02	3	1	4	6	26.4	14.8	52
	EL ARISH	00	9	32	4	0	0	—	26.0	14.2	57
Lower Egypt	DAMANHUR	01	6	04	4	1	4	4	27.1	16.0	48
	MANSURA	01	8	02	2	1	4	8	27.1	16.5	47
	TANTA	01	8	04	2	1	4	8	26.2	17.5	48
	ZAGAZIG	02	7	02	3	1	5	8	25.8	16.2	61
Middle Egypt	CAIRO ALMAZA	00	7	06	5	0	1	6	25.1	17.1	39
	CAIRO EZBEKIYA	05	7	04	5	0	0	—	25.0	18.1	39
	CAIRO GIZA	00	8	04	6	0	0	—	24.7	17.9	35
	HELWAN	00	7	32	7	0	0	—	23.9	17.7	29
	SUEZ										
Upper Egypt	FAYUM	18	5	02	6	3	0	—	23.5	18.1	29
	MINYA	00	8	32	4	0	0	—	21.9	20.3	35
	ASYUT	00	8	26	1	0	0	—	20.6	22.0	35
	QENA	00	9	26	3	0	0	—	19.0	23.0	32
	LUXOR	00	7	26	2	0	0	—	18.7	26.0	24
	ASWAN	00	9	32	3	0	0	—	16.8	23.6	28
Western Desert	SIWA	00	8	30	2	0	0	—	27.1	19.0	54
	BAHARIYA	00	9	32	1	0	0	—	24.2	21.2	33
	KHARGA	00	9	32	3	0	0	—	20.8	21.0	21
	DAKHLA	00	8	32	5	0	0	—	23.5	20.2	34
Red Sea	TOR	00	6	28	2	0	0	—	19.1	19.2	62
	HURGHADA	00	9	02	4	0	0	—	19.9	20.0	36
	QUSEIR	00	8	32	4	0	0	—	20.0	19.8	41
	PORT SUDAN										
North Sudan	WADI HALFA	00	8	32	4	0	0	—	18	24	13
	KAREIMA	00	8	04	3	0	2	2	18	30	10
	ATBARA	00	7	30	4	0	0	—	9	32	17
	KHARTUM										
	KASSALA	00	7	30	4	0	0	—	5	36	27
Central Sudan	WAD MEDANI	00	8	32	4	0	0	—	5	38	09
	DUEIM										
	RENK	00	9	30	4	0	0	—	5	35	13
	ROSEIRES	00	7	16	2	0	0	—	4	39	40
	EL OBEID	00	8	32	4	0	0	—	9	37	08
	EL FASHER	00	8	04	2	0	0	—	—	31	21
	GENEINA	00	8	04	4	0	0	—	—	27	08
	KADUGLI	00	8	04	4	0	0	—	8	36	08
S. Sudan	MALAKAL	00	7	02	4	0	0	—	5	38	11
	WAU	00	7	04	2	0	0	—	8	35	13
	JUBA	00	8	14	1	0	0	—	6	38	22

At 8 h. on THURSDAY 15th الساعة ٨ يوم الخميس ١٥

Station	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry bulb °C (TTT)	Max. yesterday °C (MM)	Max. diff. from norm °C	Min. today °C (mm)	Min. diff. from norm °C	% Humidity (UU)	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
SALUM												—		—				—	130
MATRUH	02	9	04	1	2	5	6	25.4	+8.8	13.6	16	−3	13	+2	73	0	97	149	131
DIKHEILA												—		—				—	150
ALEXANDRIA	03	8	04	2	2	8	5	25.1	+9.1	13.8	18	−3	12	−1	64	0	237	175	132
DAMIETTA	01	8	32	4	1	3	8	24.3	—	13.2	16		11		64	0	98	96	159
PORT SAID	14	8	04	5	3	4	6	23.5	+8.4	13.2	17	−4	12	−1	62	0	78	67	134
EL ARISH	00	9	00	0	0	0	—	23.0	+6.6	15.2	14	−6	5	−5	66	0	229	78	135
DAMANHUR	01	7	08	4	1	5	4	24.6	+8.3	12.4	17	−6	8	−1	70	0	119	88	136
MANSURA	00	8	02	2	0	0	—	24.6	—	12.2	18	−6	7	−2	67	0	46	45	137
TANTA	00	8	32	2	0	0	—	24.7	+7.9	10.5	19	−5	6	−3	76	0	49	34	138
ZAGAZIG	00	7	32	2	0	3	8	24.4	+8.1	11.2	17	−7	6	−3	97	0	41	23	139
CAIRO ALMAZA	01	7	04	2	0	4	6	24	—	10.0	18	—	6	—	79	0	44	—	141
CAIRO EZBEKIYA	05	6	32	4	1	4	4	23.8	+7.6	9.2	19	−6	6	−4	81	0	41	20	—
CAIRO GIZA	05	6	32	3	1	5	4	23.8	+7.1	11.0	18	−6	5	−3	71	0	41	20	—
HELWAN	05	6	02	6	0	1	8	23.0	+6.7	11.9	18	−6	9	−2	56	0	50	22	143
SUEZ																		13	144
FAYUM	00	8	32	4	0	0	—	22.7	+6.3	11.3	19	−6	8	−1	65	0	75	7	153
MINYA	00	8	02	3	0	0	—	21.5	+4.9	10.2	21	−5	7	−3	68	0	1	—	154
ASYUT	00	6	22	1	0	0	—	21.2	+4.9	8.0	24	−3	4	−6	86	0	14	4	155
QENA	00	8	22	4	0	0	—	19.6	+4.6	12.6	26	−4	7	−4	51	0	20	—	156
LUXOR												—		—			tr.	—	157
ASWAN	00	9	32	2	0	0	—	17.4	+2.4	14.5	26	−4	11	−4	43	0	dr.	—	158
SIWA	00	7	00	0	0	0	—	26.0	+8.0	8.8	20	−5	4	−4	63	0	5	7	148
BAHARIYA	00	9	00	0	0	0	—	23.8	+7.0	9.0	23	—	5	—	73	0	7	—	149
KHARGA	00	9	32	3	0	0	—	20.8	+4.9	12.3	22	−7	8	−3	50	0	4	—	151
DAKHLA	00	7	28	3	0	0	—	22.6	+6.2	12.2	21	−8	8	−2	63	0	tr.	—	152
TOR	00	6	04	1	0	0	—	19.6	+4.9	12.1	21	−3	7	−5	52	0	3	12	145
HURGHADA	00	9	30	4	0	0	—	19.1	+4.3	15.0	21	−4	10	−2	49	0	8	—	146
QUSEIR	00	8	28	4	0	0	—	17.4	+3.1	16.4	21	−4	14	−3	45	0	20	—	147
PORT SUDAN																0	82	94	169
WADI HALFA	01	8	28	3	0	3	1	19		12					31	0	dr.	—	165
KAREIMA	00	8	04	2	1	1	2	15		16					19	0	0	1	166
ATBARA	00	8	30	4	0	0	—	12		21					26	0	0	2	167
KHARTUM																0	tr.	4	168
KASSALA	00	8	06	4	0	0	—	9		25					54	0	9	8	170
WAD MEDANI	00	9	20	4	0	0	—	11		22					13	0	8	12	171
DUEIM																0	4	14	173
RENK	00	9	28	3	0	0	—	10.	—	22		—			61	—	—	49	182
ROSEIRES	00	7	30	2	0	0	—	9		26					27	0	1	37	172
EL OBEID	00	8	30	3	0	0	—	13		19					28	0	6	16	174
EL FASHER	00	8	32	1	0	0	—	—		17					37	0	5	6	175
GENEINA	00	8	02	4	0	0	—	—		18					17	—	—	4	179
KADUGLI	00	7	32	3	0	0	—	11		—					—	—	—	91	187
MALAKAL	00	7	32	6	0	0	—	10		27					17	0	52	90	176
WAU	00	8	00	0	0	0	—	10		29					17	0	186	158	177
JUBA	01	8	29	2	2	3	4	9		29					35	0	149	175	178

UPPER WINDS ON 15th الرياح العليا يوم ١٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h.	m.	MATRUH h.	m.	DIKHEILA h.	m.	PORT SAID h.	m.	HELWAN h.	m.	MINYA h.	m.	ASYUT h.	m.	ASWAN h.	m.	WADI HALFA h.	m.	KAREIMA h.	m.	KHARTUM h.	m.	KASSALA h.	m.	EL OBEID h.	m.	MALAKAL h.	m.	JUBA h.	m.

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

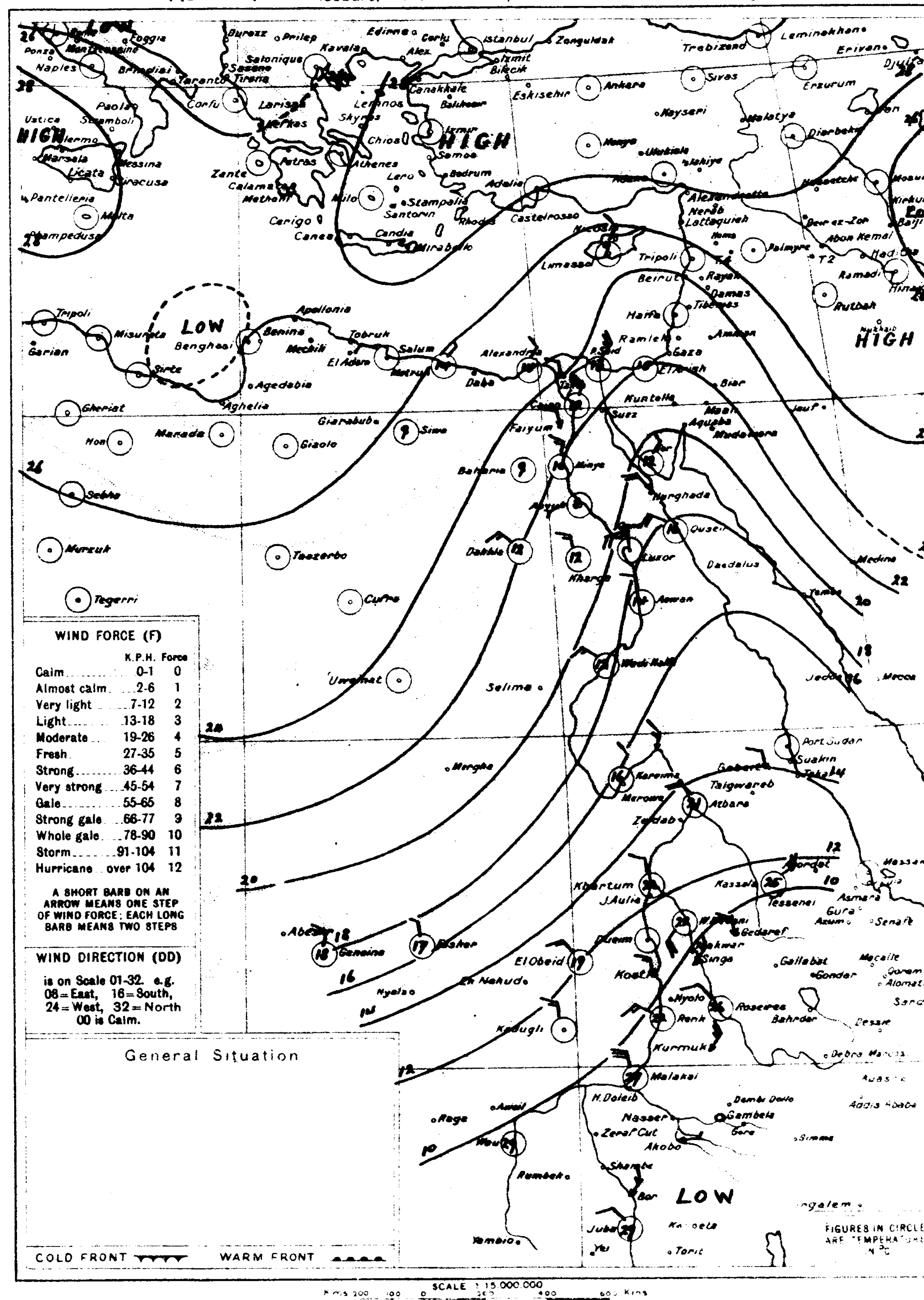
Station	Mean of day: Humidity % on 14th	Humidity Diff. from normal	Wet bulb temp °C on 14th	Wet bulb Diff. from normal
Alexandria	52	−13	9.0	−4.0
Ezbekiya	69	+9	9.6	−3.1
Giza	60	−3	9.1	−3.6
Helwan	46	0	8.1	−3.3
Giza Grass minimum on 15th	2.8 °C			

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
15−3	752	926
14−3	752	926

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		12.46	−0.80	12.47	−0.79
Nasser		4.92	−0.11	4.95	−0.08
Malakal		9.97	−0.23	9.97	−0.24
Roseires		11.34	−0.07	11.35	−0.07
Sennar Res.	١٥	18.24	—	18.34	—
J. Aulia U.S	١	375.40	—	376.43	—
J. Aulia D.S		371.84	+0.80	371.88	+0.84
Khartum	٥	10.63	+0.47	10.62	+0.43
Kh. el Girba					
Atbara		10.52	+0.45	10.53	+0.46
Kajnarti		132.76	+0.47	132.77	+0.46
Aswan Res.		119.28	—	119.20	—
Aswan D.S.		84.89	−0.88	84.89	−0.88
Roda (Cairo)		16.11	+0.51	16.11	+0.51

١٩٤٥ - ٣ - ١٥ Isobars, Wind and Temperature at 8 h. 15-3-1945



PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
… low Rain	91
with Hail	94 96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

At 8 h. on 15th الساعة ٨ يوم ١٥

Station محطة	Present weather (ww)	Visibility (V)	Wind Dir. (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry bulb °C (TTT)	Max. yesterday °C (MM)	Max. diff. from norm °C	Min. today °C (mm)	Min. diff. from norm °C	% Humidity (UU)	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	26	1	0	0	—	19.9	—	10.0	23	—	6	—	62	0	16	—
Limassol	00	9	02	2	0	2	—	25.5	+11.3	9	—	—	—	—	—	0	596	405
SHIPS سفن																		

Remarks
Water Temp. River Nile Cairo 15.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 06 h 04 m
Sunset 18 h 04 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month MARCH, 1945 ١٩٤٥ شهر مارس

STATION	14h 15th ww	V	DD	F	W	N	C	PPP	TTT	UU	8h FRIDAY 16th ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb TTT °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM																													130
MATRUH	01	9	32	1	1	4	8	25.4	16.0	59	01	9	00	0	1	4	8	26.0	+9.4	11.8	17	-3	9	-2	90	0	97	150	131
DIKHEILA																													150
ALEXANDRIA	02	9	00	0	2	6	7	24.8	17.3	50	03	8	00	0	2	8	5	25.9	+10.0	13.2	19	-2	12	-1	74	0	237	176	132
DAMIETTA	01	8	32	4	1	4	8	23.8	14.9	51	02	7	04	2	2	6	6	24.8	—	13.9	15		10		59	0	98	96	159
PORT SAID	00	8	32	4	0	3	8	23.0	17.4	51	02	8	04	2	2	7	6	25.1	+10.1	14.3	18	-3	12	-1	57	0	78	68	134
EL ARISH	00	9	32	2	0	0	—	21.9	15.8	56	02	9	00	0	1	7	8	24.8	+8.5	16.5	17	-4	5	-5	65	0	229	79	135
DAMANHUR	02	6	04	3	2	6	5	22.7	17.2	45	03	6	32	2	2	8	5	25.5	+9.3	12.2	17	-7	8	-1	72	0	119	89	136
MANSURA	01	8	02	2	1	4	8	23.6	17.2	46	02	6	08	1	2	5	9	25.4	—	13.0	19	-5	8	-2	66	0	46	45	137
TANTA	01	8	04	4	1	4	8	23.4	17.5	48	02	7	04	2	2	5	8	26.0	+9.3	12.0	19	-5	3?	-6	71	0	49	34	138
[illegible]	00	7	28	2	1	3	8	—	—	61	00	7	02	2	0	2	8	25.1	+8.9	12.2	18	-6	5	-4	75	0	41	23	139
[illegible] ALMAZA	00	7	04	3	0	3	8	22.8	17.7	53	05	6	02	2	1	3	6	25.1	—	10.8	18		8		76	0	44		141
EZBEKIYA	00	8	02	4	0	2	8	22.3	18.7	43	09	6	02	2	0	3	4	24.7	+8.5	10.0	20	-5	6	-5	74	0	41	21	
GIZA	00	8	04	3	1	2	8	21.8	18.0	34	08	4	32	2	4	3	4	25.1	+8.4	11.8	18	-6	3	-5	66	0	41	20	
HELWAN	00	8	02	5	0	1	8	21.5	18.1	33	05	6	32	5	0	3	4	25.0	+8.7	12.1	19	-5	9	-2	60	0	50	22	143
SUEZ																												14	144
[illegible]	00	8	32	5	0	0	—	21.1	18.9	36	00	8	02	2	0	2	8	24.6	+8.2	11.5	19	-6	7	-2	57	0	76	7	153
MINYA	01	8	32	4	1	4	4	19.2	20.7	42	00	8	30	3	0	0	—	23.6	+7.0	10.4	21	-5	6	-4	69	0	1		154
ASYUT	00	8	26	1	1	3	2	19.1	21.3	46	00	6	22	1	0	0	—	23.1	+6.9	9.5	23	-4	5	-5	80	0	14	4	155
QENA	01	9	22	3	0	3	1	16.8	25.0	28	01	7	24	2	1	3	1	21.2	+6.3	14.4	27	-4	8	-4	53	0	20		156
LUXOR	00	7	02	2	0	0	—	17.2	27.8	18	00	7	12	2	0	0	—	20.6	—	18.0	29		6		44	0	tr.		157
ASWAN	00	9	32	3	0	0	—	15.5	25.5	26	01	9	32	2	1	3	1	19.8	-4.9	15.6	28	-3	12	-3	41	0	dr.	—	158
SIWA	03	8	30	2	2	8	5	25.0	19.5	51	00	7	00	0	0	0	—	26.4	+8.5	11.8	20	-5	6	-2	67	0	5	7	148
[illegible]	00	9	32	1	0	0	—	23.0	18.0	40	00	9	00	0	0	0	—	25.0	+8.2	10.5	20		5		57	0	7		149
[illegible]	00	9	32	3	0	0	—	19.0	22.2	18	00	9	32	2	0	2	1	22.3	+6.5	13.7	23	-6	10	-1	42	0	4	—	151
[illegible]	00	8	28	3	0	0	—	22.2	19.7	43	00	7	32	2	0	0	—	25.1	+8.7	12.0	21	-8	9	-1	65	0	tr.		152
[illegible]	00	6	28	3	0	0	—	17.5	19.2	72	00	6	32	1	0	0	—	19.5	+4.9	15.3	20	-4	10	-3	57	0	3	12	145
[illegible]	00	9	02	5	0	0	—	17.2	21.0	41	00	9	30	5	0	0	—	20.3	+5.6	15.1	22	-3	9	-4	57	0	8	—	146
[illegible]	00	8	32	3	0	0	—	17.0	20.7	51	00	8	30	3	0	0	—	19.4	+5.2	17.0	21	-4	14	-3	54	0	20	—	147
[illegible]																										0	82	94	169
[illegible]	01	9	30	4	1	4	2	15	27	07	00	9	30	2	0	0	—	19		15					25	0	dr.		165
[illegible]	00	8	04	3	0	3	1	11	32	06	00	8	04	2	0	1	2	16		18					24	0	0	1	166
[illegible]	00	8	30	3	0	2	1	8	32	18	00	8	04	3	0	0	—	13		22					31	0	0	2	167
[illegible]																										0	tr.	4	168
[illegible]	18	5	02	4	0	0	—	5	36	22	00	8	02	3	0	0	—	10		25					—	0	9	8	170
[illegible]	00	8	32	4	0	0	—	5	38	11	00	8	32	5	0	0	—	12		24					12	0	8	12	171
[illegible]																										0	4	14	173
[illegible]	00	9	28	3	0	0	—	3	37	07	00	9	28	3	0	0	—	9		25					11	—	—	49	182
[illegible]	00	7	16	2	0	0	—	4	39	42	00	7	28	2	0	0	—	9		27					25	0	1	38	172
[illegible]	00	8	02	4	0	0	—	8	33	20	00	9	32	3	0	0	—	14		20					15	0	6	16	174
[illegible]	00	8	32	2	0	0	—	—	33	23	00	8	32	3	0	0	—	—		18					17	0	5	6	175
[illegible]	00	8	04	4	0	0	—	—	33	13	00	8	02	4	0	0	—	—		19					17	—	—	4	179
[illegible]	00	8	04	3	0	0	—	7	36	10	00	8	20	3	0	1	1	11		26					28	—	—	91	187
[illegible]	00	8	04	4	0	2	1	4	38	13	00	8	32	4	0	2	1	10		27					17	0	52	90	176
WAU	00	8	04	1	0	0	—	6	37	10	00	8	00	0	0	0	—	11		23					26	0	186	159	177
[illegible]	01	8	20	3	1	4	1	5	38	15	01	8	20	1	0	3	8,4	12		28					45	0	149	176	178

UPPER WINDS

Upper Winds are in the Code HHDDVV, where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	GENEINA 7 h.	WADI HALFA 7 h.	KAREIMA 7 h.	FASHER 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA 7 h.
							10 04 50	10 05 45	10 05 40	10 07 20	10 10 25	10 01 65	10 03 65	10 22 15
							15 06 55	15 01 35	15 01 25	15 04 30	15 04 20	15 04 50	15 03 80	15 21 15
							20 06 50	20 34 15	20 36 30	20 01 30	20 05 20	20 05 50	20 04 80	20 16 05
							25 05 30	25 30 45	30 02 15	35 06 30				35 10 35
								40 28 —	40 02 20	36 07 20				40 05 15
									45 36 15					45 05 20

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Mean of day

STATION	Humidity % on 15th	Diff. from normal	Wet bulb temp. °C on 15th	Diff. from normal
Alexandria	53	-12	10.4	-2.6
Ezbekiya	69	+9	9.8	-3.0
Giza	61	-2	9.6	-3.2
Helwan	48	+2	9.1	-2.3

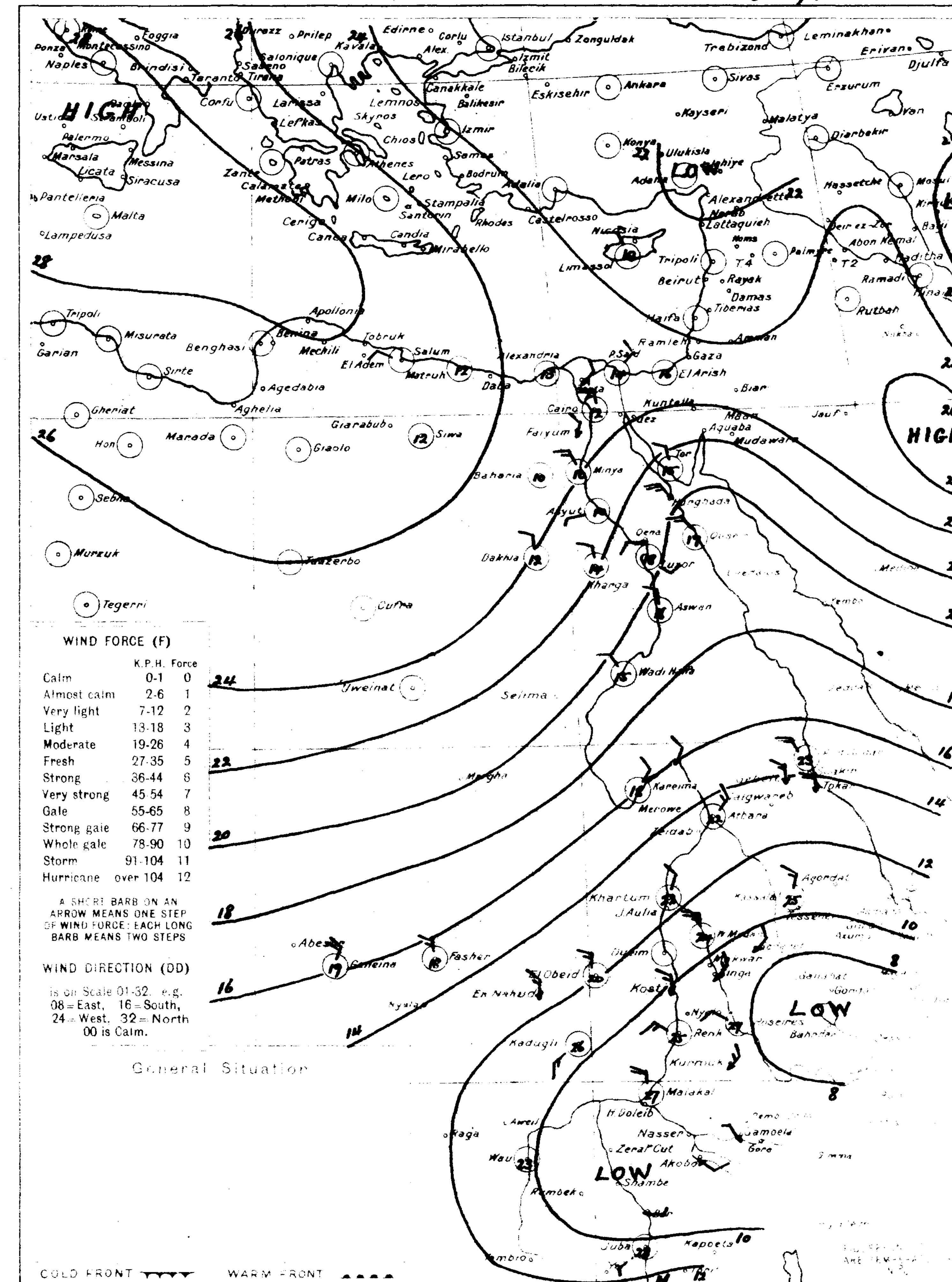
Giza Grass minimum on 16th -0.1 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
16-3	752	926
15-3	752	926

GAUGE	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
	1945				
Juba	16-3	—	—	12.46	-0.80
Nasser		4.91	-0.12	4.92	-0.11
Malakal		9.96	-0.23	9.97	-0.23
Roseires		11.32	-0.08	11.34	-0.07
Sennar Res		18.14	—	18.24	—
J. Aulia U.S		375.37	—	375.40	—
J. Aulia D.S		371.83	+0.80	371.84	+0.80
Khartum		10.62	+0.45	10.63	+0.47
Khashm el Girba					
Atbara		10.51	+0.45	10.52	+0.45
Kajnarti		132.80	+0.53	132.76	+0.47
Aswan Res.		119.33	—	119.28	—
Aswan D.S.		84.88	-0.88	84.89	-0.88
Roda (Cairo)		16.09	+0.60	16.11	+0.61

١٦-٣-١٩٤٥ Isobars, Wind and Temperature at 8 h. 16-3-1945



PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Distant Duststorm	12
Squally	14

STATION	ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
At 8 h. on 16th																		
N.Hamadi	00	8	32	1	0	0	—	21.4	--	10.9	24	—	8	—	65	0	16	—
Limassol	00	9	30	2	0	0	—	23.9	+9.7	10	—	—	—	—	—	0	596	406
SHIPS																		

Water Temp. River Nile Cairo 15.2 °C.

HOURS ARE ... STANDARD TIME ... AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

CAIRO
Time of Sunrise 06 h 03 m
Sunset 18 h 04 m

Month March 1945 ١٩٤٥ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C

At 14 h. on 16th (الساعة ١٤ يوم ١٦) — At 8 h. on Saturday 17th (الساعة ٨ يوم ١٧)

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ m.b.s. PPP	°C TEMP. TTT	% HUMIDITY UU
MEDITERRANEAN										
SALÛM										
MATRÛH	01	9	02	1	1	3	8	25.9	16.8	41
DIKHEILA										
ALEXANDRIA	01	9	00	0	2	3	8	25.4	18.0	44
DAMIETTA	01	8	32	3	1	3	8	24.2	15.9	56
PORT SAÏD	00	8	30	2	0	0	—	24.2	18.4	48
EL ARISH	00	9	32	3	0	0	—	23.6	16.1	66
LOWER EGYPT										
DAMANHÛR	02	6	04	3	1	5	8	24.8	17.8	48
MANSÛRA	01	8	02	2	1	4	8	24.7	19.0	42
TANTA	01	8	04	2	1	4	8	23.9	20.0	45
ZAGAZIG	00	7	32	2	0	3	8	24.2	18.1	52
MIDDLE EGYPT										
CAIRO ALMAZA	00	8	02	3	0	2	8	23.9	19.1	54
CAIRO EZBEKIYA	00	8	02	4	0	3	8	23.5	19.9	42
CAIRO GIZA	01	8	02	4	1	3	4	23.1	19.2	32
HELWAN	00	8	32	5	0	2	1	22.7	18.3	34
SUEZ										
UPPER EGYPT										
FAIYÛM	01	8	02	4	1	4	4	22.4	19.2	32
MINYA	01	8	32	3	1	4	4	21.6	20.6	43
ASYÛT	01	8	22	1	1	4	2	20.3	21.1	49
QENA	01	8	28	2	1	4	1	18.3	25.0	34
LUXOR	00	7	20	1	0	0	—	18.2	28.0	17
ASWÂN	01	9	32	3	1	4	1	16.4	26.8	13
WESTERN DESERT										
SIWA	02	8	00	0	2	8	5	25.8	20.0	55
BAHARIYA	00	9	32	1	0	0	—	23.0	19.0	38
KHARGA	00	9	32	2	0	3	1	20.2	22.7	18
DAKHLA	00	8	28	2	0	0	—	21.9	20.5	50
RED SEA										
TOR	00	6	28	2	0	3	1	18.8	18.9	32
HURGHADA	01	8	30	4	1	4	8	18.6	20.5	37
QUSEIR	02	8	32	5	2	5	5	18.3	20.0	47
PORT SUDAN										
NORTH SUDAN										
WADI HALFA	00	9	30	3	0	1	2	17	27	13
KAREIMA	00	8	04	4	0	0	—	12	32	06
ATBARA	00	7	28	4	0	0	—	8	35	10
KHARTUM										
KASSALA	00	7	08	2					36	
CENTRAL SUDAN										
WAD MEDANI	00	8	32	5	0	0	—	6		
DUEIM										
RENK										
ROSEIRES	00	7	16	2	0	0	—	4		
EL OBEID	00	8	02	3	0	0	—	9	36	10
EL FASHER	00	8	02	3	0	0	—	—	33	07
GENEINA								—		
KADUGLI	00	8	32	4	0	0	—	7	37	05
S. SUDAN										
MALAKAL	00	7	04	4	0	0	—	6	39	12
WAU	00	8	04	3	0	0	—	6	38	09
JUBA	02	8	02	2	1	5	4,8	6	39	11

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ m.b.s. PPP	Diff. from normal m.b.s.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	STATION NUMBER
SALÛM											—	—	—	—				—	130
MATRÛH	01	9	24	1	1	4	8	26.0	+9.5	13.8	17	−3	10	−1	80	0	97	150	131
DIKHEILA											—		—					—	150
ALEXANDRIA	02	8	02	2	5	5	8	26.0	+10.1	15.0	19	−2	13	0	64	dr.	237	176	132
DAMIETTA	01	7	20	1	1	3	9	24.6	—	13.5	17	—	8	—	82	0	98	97	159
PORT SAÏD	00	8	30	2	0	0	—	24.6	+9.6	15.2	20	−1	12	−1	66	0	78	68	134
EL ARISH	00	9	16	1	0	0	—	24.8	+8.6	16.2	17	−4	7	−3	62	0	229	79	135
DAMANHÛR	01	6	24	3	1	3	1	24.8	+8.6	12.4	19	−5	7	−2	72	0	119	89	136
MANSÛRA	01	7	02	1	1	3	8	25.2	—	12.5	21	−3	7	−3	77	0	46	45	137
TANTA	00	8	00	0	0	0	—	25.5	+8.9	12.0	21	−3	4	−5	80	0	49	34	138
ZAGAZIG	00	7	28	2	0	0	—	25.1	+8.9	13.9	20	−4	7	−2	77	0	41	23	139
CAIRO ALMAZA	00	7	03	1	0	3	6	24.7	—	12.0	19	—	9	—	79	0	44	—	141
CAIRO EZBEKIYA	09	5	00	0	0	3	2	25.2	+9.0	10.8	20	−5	7	−4	77	0	41	21	—
CAIRO GIZA	08	4	00	0	4	3	1	25.4	+8.8	10.2	20	−4	5	−3	86	0	41	20	—
HELWAN	05	6	32	4	0	3	1	24.6	+8.4	13.0	20	−4	10	−1	66	0	50	22	143
SUEZ	00	9	02	3	0	0	—	24.7	+8.7	14.9	20	−4	6	−6	67	0	37	14	144
FAIYÛM	01	8	32	3	1	4	4	25.0	+8.7	11.3	20	−6	8	−1	72	0	75	7	153
MINYA	01	8	32	3	1	3		23.4	+6.9	11.4	21	−5	8	−2	71	0	1	—	154
ASYÛT	01	7	26	1	1	3	2	23.4	+7.3	11.8	23	−4	7	−3	76	0	14	4	155
QENA	01	7	24	2	1	4	1	21.1	+6.3	13.3	27	−4	8	−4	66	0	20	—	156
LUXOR											—						tr.	—	157
ASWÂN	00	9	32	3	0	0	—	19.8	+5.0	16.5	28	−3	13	−2	34	0	dr	—	158
SIWA	00	7	00	0	0	0	—	26.7	+8.9	10.0	21	−4	5	−3	61	0	5	7	148
BAHARIYA	00	9	00	0	0	0	—	23.6	+6.8	10.4	22	—	5	—	64	0	7	—	149
KHARGA	00	9	32	3	0	0	—	22.0	+6.8	15.1	23	−6	12	+1	31	0	4	—	151
DAKHLA	00	7	16	1	0	0	—	23.8	+7.5	15.0	21	−8	10	0	—	0	tr.	—	152
TOR	00	6	28	2	0	3	1	20.4	+5.8	15.4	20	−4	12	−1	72	0	3	12	145
HURGHADA	01	8	30	5	1	4	8	20.7	+6.1	16.0	22	−4	10	−3	50	0	8	—	146
QUSEIR	01	8	32	4	1	3	5	19.1	+4.9	18.6	22	−3	18	+1	46	0	20	—	147
PORT SUDAN																0	82	94	169
WADI HALFA	00	9	30	3	0	0	—	20		15					32	0	dr.	—	165
KAREIMA	00	8	02	1	0	0	—	14		21					—	0	0	1	166
ATBARA	00	7	32	3	0	0	—	13		22					50	0	0	2	167
KHARTUM																0	tr.	4	168
KASSALA	00	8	02	2	0	0	—	9		27					55	0	9	8	170
WAD MEDANI	00	8	02	4	0	0	—	10		23					47	0	8	12	171
DUEIM																0	4	14	173
RENK	00	9	28	3	0	0	—	9		26		—		—	16	—	—	49	182
ROSEIRES	00	7	30	2	0	0	—	9		28					16	0	1	38	172
EL OBEID	00	9	30	3	0	0	—	13		20					21	0	6	16	174
EL FASHER	00	8	00	0	0	0	—	—		21					25	0	5	6	175
GENEINA	00	8	02	2	0	0	—	—		21					11	—	—	4	179
KADUGLI	00	8	04	4	0	0	—	11		27					—	—	—	92	187
MALAKAL	00	8	32	4	0	2	8	9		28					18	0	52	91	176
WAU	01	8	00	0	1	4	4	11		24					15	0	186	160	177
JUBA	01	8	28	1	1	4	4,8	11		27					33	0	149	177	178

UPPER WINDS ON 17th (الرياح العليا يوم ١٧)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres.
DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAID	HELWAN (8 h. 30 m.)	MINYA	ASYUT (7 h.)	ASWAN (7 h.)	WADI HALFA	KAREIMA (7 h.)	Khartum (7 h.)	KASSALA (7 h.)	Geneina (7 h.)	MALAKAL (7 h.)	JUBA (7 h.)
				02 02 40		02 34 25	02 36 20		10 05 55	10 36 10	10 08 15	10 04 45	10 01 75	10 23 15
				05 04 75		05 35 20	05 02 30		15 04 50	15 05 45	15 10 30	15 06 60	15 03 75	15 07 10
				08 04 30		10 36 25	10 01 25		20 03 45	20 06 40	20 10 35	20 08 65	20 05 45	20 09 05
				10 06 20		15 33 25	15 32 25		30 03 25	40 09 30	30 04 —	35 08 20		
				15 03 60		20 30 25			40 09 10	45 11 20	40 34 10			
				20 03 35		25 29 35			45 27 05	60 17 40	45 01 15			
				21 03 40		30 28 55			50 36 05					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 16th	Diff. from normal	Wet bulb temp °C on 16th	Diff. from normal
Alexandria	61	−4	11.1	−2.0
Ezbekiya	63	+3	10.6	−2.3
Gîza	57	−6	10.4	−2.5
Helwân	48	+2	9.7	−1.8

Gîza Grass minimum on 17th 1.4 °C

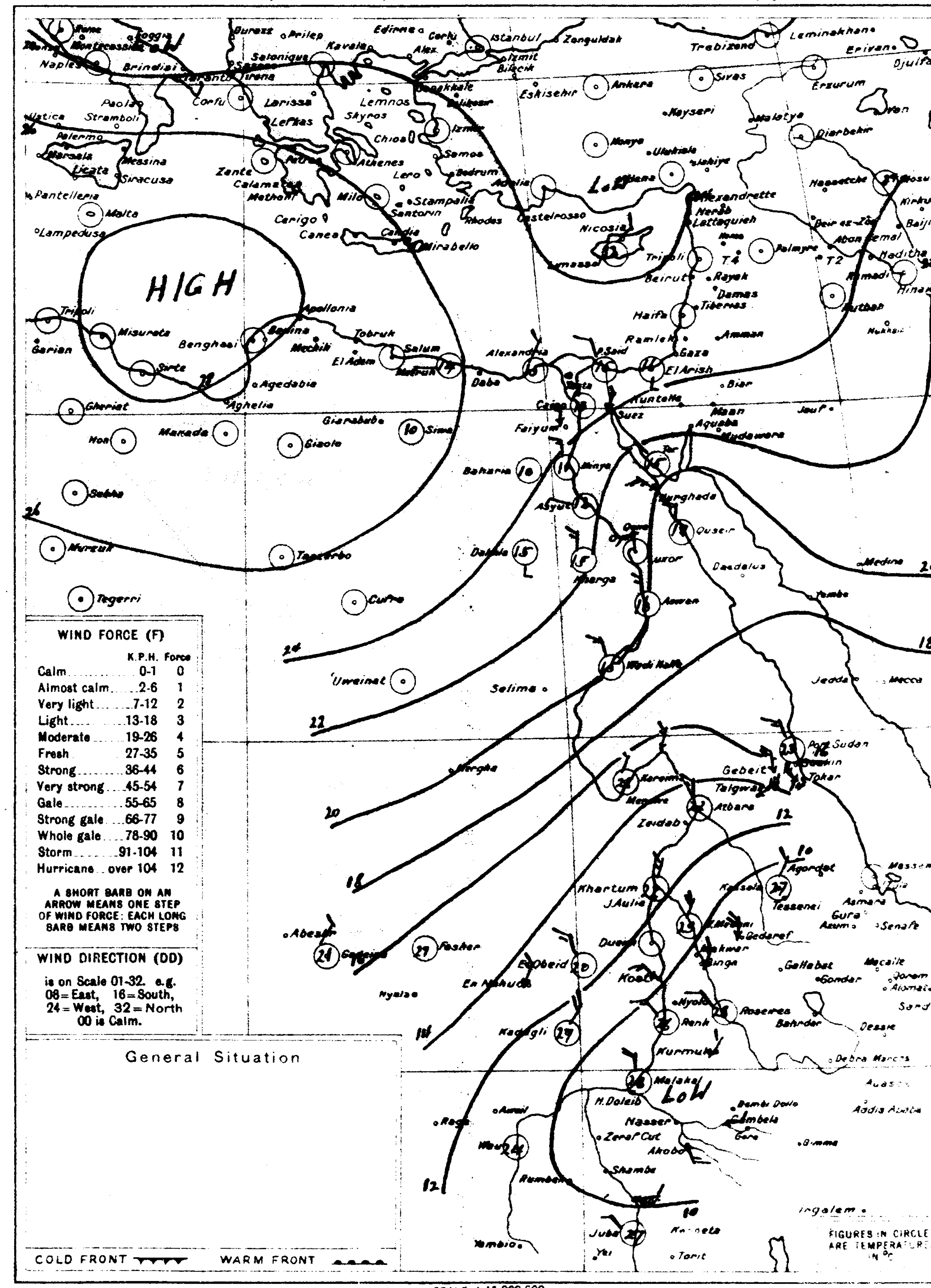
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
17 - 3	752	810
16 - 3	752	926

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	17-3				
Nasser				4.91	−0.12
Malakâl		9.95	−0.23	9.96	−0.23
Roseires		11.32	−0.07	11.32	−0.08
Sennâr Res				18.14	—
J. Aulia U.S				375.37	—
J. Aulia D.S				371.83	+0.80
Khartûm				10.62	+0.45
Kh. el Girba					
'Atbara				10.51	+0.45
Kajnarti				132.80	+0.53
Aswân Res.		119.35	—	119.33	—
Aswân D.S.		84.88	−0.87	84.88	−0.88
Rôda (Cairo)		16.09	+0.51	16.09	+0.50

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٧-٣-١٩٤٥ Isobars, Wind and Temperature at 8 h. 17-3-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 17th (الساعة ٨ يوم ١٧)

STATION محطة	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ m.b.s. PPP	Diff. from normal m.b.s.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	3	4	21.8	—	11.8	23	—	8	—	66	0	16	—
Linant	01	9	04	2	0	3	—	[illegible]		12	—	—	—	—	—	0	596	407

SHIPS سفن

Remarks
Water Temp.
River Nile Cairo
14.9 C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 06 h 02 m
Sunset 18 05

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month *March* 1945 — ١٩٤٥ ـ شهر مارس

At 14 h. on *17th* — At 8 h. on *Sunday 18th*

STATION	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h PPP	Diff. from normal mbs	Dry Bulb TTT	Max Yesterday	Diff. from norm.	Min Today	Diff. from norm.	UU	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	01	9	32	3	1	4	8	25.2	16.2	68	01	9	24	2	1	3	8	25.5	+9.6	14.0	17	-3	8	-3	80	0	97	150	131
DIKHEILA																													150
ALEXANDRIA	02	9	02	2	2	6	3	25.4	18.5	50	01	9	00	0	2	4	8	25.1	+9.3	14.6	20	-1	13	0	63	0	237	176	132
DAMIETTA	01	8	24	3	1	4	8	24.0	17.0	64	01	7	16	1	1	4	8	23.9	–	15.0	18		9		52	0	98	97	159
PORT SAID	00	8	30	2	0	2	8	23.9	19.2	54	00	8	30	3	0	2	8	24.0	+9.1	16.4	20	-1	13	-1	58	0	78	68	134
EL ARISH	00	9	32	1	0	0	–	23.2	16.2	62	01	9	30	1	1	4	8	22.7	+6.5	17.2	18	-3	9	-1	60	0	229	80	135
LOWER EGYPT																													
DAMANHUR	01	7	04	4	1	3	8	24.3	18.4	40	01	6	16	2	1	4	8	24.6	+8.5	11.4	19	-5	7	-3	81	0	119	89	136
MANSURA	01	8	02	2	1	4	6	23.9	20.5	42	00	8	32	1	0	0	–	24.7	–	14.0	21	-3	9	-1	62	0	46	45	137
TANTA	01	8	04	2	1	4	8	23.6	20.5	45	00	8	00	0	0	0	–	25.0	+8.5	12.8	21	-3	5	-4	80	0	49	34	138
ZAGAZIG	02	7	04	2	1	5	8	–	19.8	58	01	7	24	2	1	4	8	25.4	+9.3	11.9	21	-3	6	-3	80	0	41	23	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	01	7	02	2	1	4	1,8	23.9	19.1	55	00	7	06	1	0	0	–	24.7	–	12.7	20	–	8	–	70	0	44	–	141
EZBEKIYA	01	8	02	3	1	4	8	23.4	20.0	41	09	5	00	0	0	0	–	25.1	+8.9	12.0	21	-4	7	-4	73	0	41	21	–
GIZA	01	8	02	3	1	3	8	23.0	19.9	38	09	5	00	0	4	0	–	25.1	+8.5	11.7	20	-4	4	-4	78	0	41	20	–
HELWAN	00	8	30	4	0	2	1	22.7	19.1	32	05	5	32	2	0	0	–	25.0	+8.8	12.0	20	-4	8	-3	66	0	50	22	143
SUEZ	01	9	32	3	1	3	5	22.7	19.9	33	00	9	02	1	0	0	–	24.3	+8.5	12.9	20	-4	8	-4	69	0	37	14	144
UPPER EGYPT																													
FAIYUM	01	8	32	4	1	4	4	23.1	19.5	35	00	8	30	2	0	0	–	25.1	+8.8	11.7	20	-6	7	-3	69	0	75	7	153
MINYA	02	8	32	4	2	5	2	21.6	21.0	41	00	8	30	2	0	0	–	24.4	+8.0	12.0	21	-5	9	-1	68	0	1	–	154
ASYUT	01	8	30	2	1	4	2	20.3	21.1	43	00	7	28	1	0	0	–	23.9	+7.9	12.9	23	-4	8	-2	73	0	14	4	155
QENA	01	9	26	2	1	3	1	18.4	27.0	27	01	7	24	2	1	4	3	21.0	+6.2	14.0	30	-1	9	-3	60	0	20	–	156
LUXOR	00	7	30	2	0	0	–	18.2	27.5	19																		–	157
ASWAN	00	9	32	3	0	0	–	15.9	27.3	16	00	9	32	3	0	0	–	19.1	+4.3	17.0	28	-3	14	-1	37	0	dr.	–	158
WESTERN DESERT																													
SIWA	02	8	32	2	1	6	3	25.4	20.2	62	00	7	00	0	0	0	–	26.2	+8.5	12.5	21	-4	6	-2	60	0	5	7	148
BAHARIYA	01	9	32	1	1	4	–	22.6	20.0	32	00	9	00	0	0	0	–	25.5	+8.8	10.0	22		6		62	0	7	–	149
KHARGA	00	9	04	3	0	2	1	19.8	23.0	21	00	8	32	6	0	0	–	23.0	+7.3	15.3	24	-5	13	+2	54	0	4	–	151
DAKHLA	00	8	28	2	0	0	–	21.1	21.5	50	00	7	00	0	0	0	–	24.3	+8.1	16.0	23	-6	12	+2	59	0	tr.	–	152
RED SEA																													
TOR	00	6	08	3	0	3	1	19.4	19.4	70	00	6	28	1	0	0	–	21.0	+6.5	15.4	19	-5	12	-1	60	0	3	12	145
HURGHADA	01	8	30	5	1	4	8	18.7	21.0	35	01	8	30	5	1	4	8	20.0	+5.5	16.8	23	-3	13	0	64	0	8	–	146
QUSEIR	01	8	32	4	1	3	1	17.9	20.4	54	02	8	32	3	2	6	4	19.0	+4.9	18.0	22	-4	16	-1	47	0	20	–	147
PORT SUDAN																										0	82	95	169
NORTHERN SUDAN																													
WADI HALFA	00	9	30	4	0	0	–	15	28	12	00	9	28	3	0	0	–	20		16					34	0	dr.	–	165
KAREIMA	00	8	04	4	0	0	–	11	35	04	00	8	04	3	0	0	–	14		22					10	0	0	1	166
ATBARA	18	6	04	5	0	0	–	7	37	08	00	8	04	3	0	0	–	13		24					29	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	02	4	0	0	–	5	38	19	00	7	04	4	0	0	–	10		25					61	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	7	16	2	0	0	–	5	38	–	00	7	02	5	0	0	–	10		25					47	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	28	3	0	0	–	5	37	17	00	9	32	3	0	0	–	9		26					16	0	–	49	182
ROSEIRES	00	8	04	4	0	0	–	3	37	18	00	7	26	2	0	0	–	8		27					33	0	1	38	172
EL OBEID	00	8	02	4	0	0	–	7	33	21	00	9	30	3	0	0	–	12		22					31	0	6	16	174
EL FASHER	00	8	04	3	0	0	–	–	33	07	00	8	32	2	0	0	–	–		17					13	0	5	6	175
GENEINA	00	8	04	4	0	0	–	–	34	–	00	8	02	4	0	0	–	–		21					11	0	–	4	179
KADUGLI	00	8	32	4	0	1	1	7	36	18	01	7	04	3	0	4	1	10		29					10	–	–	92	187
SOUTHERN SUDAN																													
MALAKAL	00	8	02	2	1	3	4	5	39	16	01	7	32	4	1	3	1,4,8	9		31					10	0	52	91	176
WAU	00	8	06	3	0	0	–	7	38	11	00	8	00	0	0	3	–	9		26					18	0	186	161	177
JUBA	01	8	32	2	2	3	4,8	4	41	13	01	8	20	2	1	3	2	10		31					38	0	149	178	178

UPPER WINDS on 18th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h m — MATRUH h m — DIKHEILA h m — PORT SAID h m — HELWAN 8 h 45 m — MINYA h m — ASYUT 7 h m — ASWAN 7 h m — WADI HALFA 7 h m — KAREIMA 7 h m — Geneina 7 h m — KASSALA 7 h m — EL OBEID 7 h m — MALAKAL 7 h m — JUBA 7 h m

HELWAN:
02 36 25
05 02 20
08 02 15
10 03 30
15 35 40
20 34 30
23 32 20
25 27 25

ASYUT to JUBA:
02 34 30 02 01 25 10 01 40 10 04 50 10 04 55 10 08 25 10 01 35 10 03 60 10 23 30
05 36 50 05 02 35 15 01 20 15 03 35 15 07 50 15 05 20 15 04 35 15 05 40 15 23 15
10 36 60 10 34 15 20 33 15 20 02 25 20 07 30 20 07 15 20 05 55 20 06 25 20 18 20
15 35 55 15 28 10 40 33 20 30 09 25 40 05 35 40 36 15
20 34 55 20 30 25 45 31 20 40 35 40 45 14 25 45 36 15
50 30 35 45 31 40 50 13 20 50 08 10
70 25 — 50 30 30

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity on 17th	Diff. from normal	Wet bulb temp °C on 17th	Diff. from normal
Alexandria	55	-10	11.7	-1.5
Ezbekiya	65	+5	11.0	-2.0
Giza	68	+5	10.8	-2.1
Helwan	55	+9	10.8	-0.8

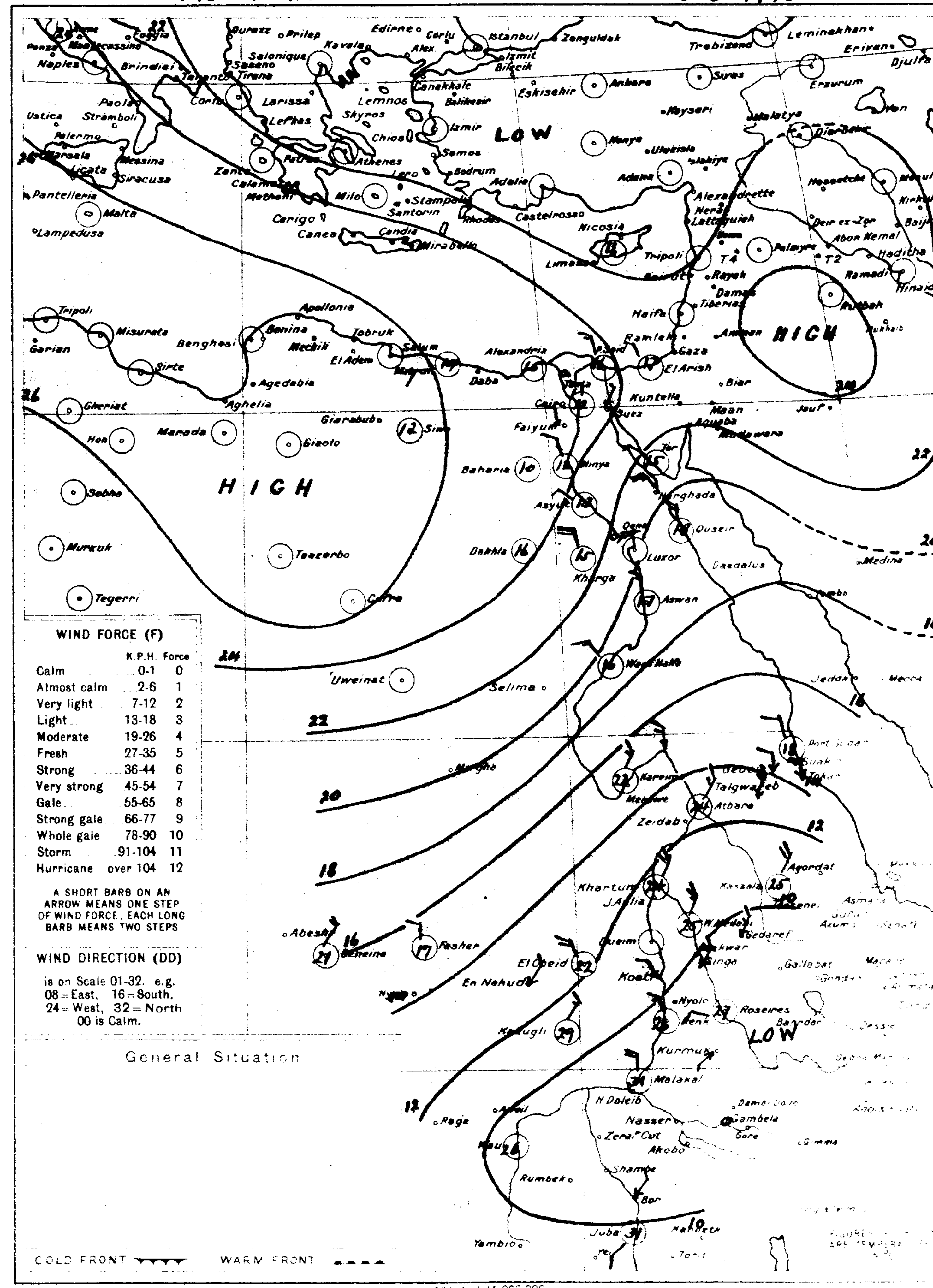
Giza Grass minimum on 18th 1.3 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
18 – 3	752	810
17 – 3	752	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	18-3			12.44	-0.82
Nasser				4.87	-0.15
Malakal		9.93	-0.24	9.95	-0.23
Roseires		11.30	-0.08	11.32	-0.07
Sennar Res.				18.06	–
J. Aulia U.S.					
J. Aulia D.S.					
Khartum				10.62	+0.44
Kh. el Girba					
Atbara		10.51	+0.47	10.51	+0.46
Kajnarti				132.83	+0.57
Aswan Res.		119.43	–	119.35	–
Aswan D.S.		84.87	-0.87	84.88	-0.87
Roda (Cairo)		16.09	+0.52	16.09	+0.51

١٩٤٥-٣-١٨ Isobars, Wind and Temperature at 8 h. *18-3-1945*



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE, EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

SCALE 1:15 000 000

SHIPS — At 8 h. on *18th*

STATION	ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb	Max Yesterday	Diff.	Min Today	Diff.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	00	0	0	3	4	21.9	–	12.9	24	–	9	–	66	0	16	–
Limassol	00	9	00	0	0	1	–	21.8	+7.8	11	–	–	–	–	–	0	596	408

Water Temp. River Nile Cairo 15.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME (LONG. 30°E) AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

Clear	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog	4
Drizzle	5
Rain	6
Snow	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visibility over 50 kms	9

CLOUD AMOUNT (N)

Clear 0; Trace; 1 Tenth; 2, 3 Tenths; 4, 5, 6 Tenths; 7, 8 Tenths; 9 Tenths; Overcast

CLOUD FORM (C)

Cirrus; Cirro-stratus; Cirro-cumulus; Alto-cumulus; Alto-stratus; Strato-cumulus; Nimbo-stratus; Cumulus; Cumulo-nimbus; Stratus

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 06 h 01 m
Sunset 18 h 05 m

Month MARCH, 1945 ١٩٤٥ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

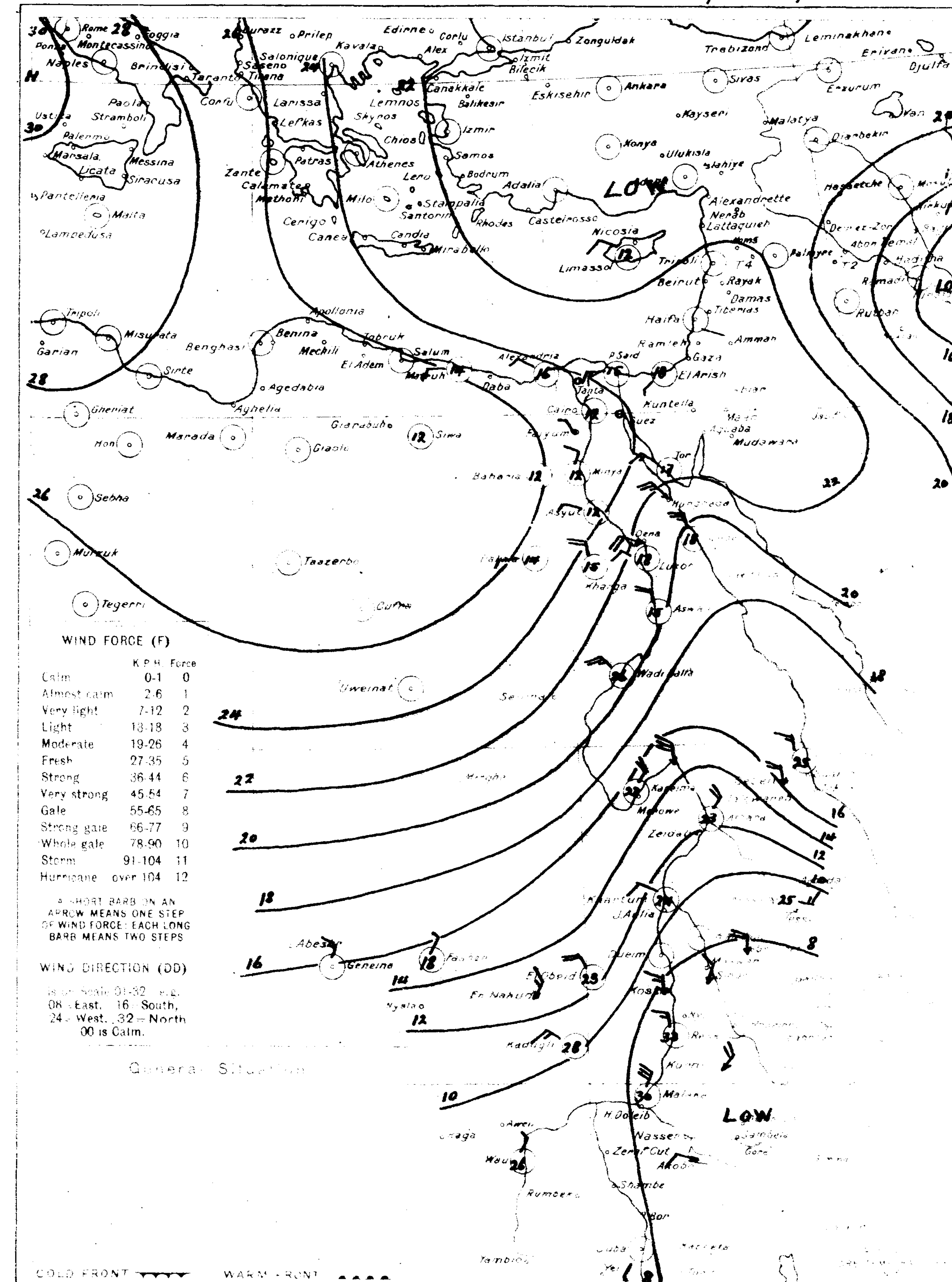
At 14 h. on 18th ١٨ الساعة ١٤ يوم — At 8 h. on MONDAY 19th الساعة ٨ يوم الاثنين ١٩

STATION	18th 14h Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp °C TTT	Humidity UU	19th 8h Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry bulb °C TTT	Maximum Yesterday °C	Diff from norm. °C	Minimum Today °C	Diff from norm. °C	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
SALUM																													130
MATRUH	01	9	28	4	1	4	8	24.4	16.8	74	01	9	24	2	1	3	8	25.4	+9.0	13.5	17	-3	9	-2	80	0	97	151	131
DABAA																													150
ALEXANDRIA	01	9	02	2	5	4	8	23.1	15.4	73	01	9	28	2	5	4	8	24.6	+8.8	16.0	19	-3	13	0	63	5	238	177	132
DAMIETTA	01	8	28	3	1	3	8	22.7	16.9	55	01	7	20	1	1	3	6	23.5		13.8	17		8		82	0	98	97	159
PORT SAID	00	8	28	3	0	3	8	23.0	19.2	53	01	8	24	3	1	4	6	23.8	+8.9	14.9	20	-1	12	-2	76	0	78	69	134
EL ARISH	01	9	30	1	1	3	8	21.5	16.7	48	01	9	20	1	1	4	8	23.2	+7.1	17.7	18	-3	10	0	62	0	229	80	135
	02	7	28	4	2	5	8	23.4	18.2	54	01	6	20	2	1	3	1	24.0	+7.9	11.3	19	-5	8	-2	88	0	119	90	136
	01	8	30	2	1	4	8	23.0	18.0	51	01	7	24	1	1	3	8	24.3	—	12.0	20	-4	6	-4	82	0	46	46	137
	02	8	26	3	2	5	8	23.0	18.0	53	00	8	00	0	0	0	—	24.7	+8.2	12.0	21	-3	6	-3	89	0	49	34	138
	01	7	28	2	1	4	8	23.0	20.6	53	01	7	32	2	1	4	8	25.1	+9.1	10.4	22	-2	7	-2	94	0	41	23	139
	01	8	30	3	1	4	8	23	18.6	46	01	8	22	1	1	4	6	25.0	—	13.0	19		9		77	0	44		141
	01	8	30	3	1	4	8	23.1	20.2	42	08	4	16	1	4	3	8	25.1	+9.0	13.3	21	-4	9	-2	81	0	41	21	
GIZA	01	8	30	3	1	5	8	22.3	20.3	33	08	4	00	0	4	4	8	25.2	+8.7	12.2	21	-3	6	-2	88	0	41	20	
HELWAN	00	8	28	4	0	3	8	22.3	18.8	32	05	6	00	0	1	4	8	25.0	+8.9	12.5	20	-4	8	-3	72	0	50	22	143
	01	9	02	1	0	3	8	22.0	19.7	33	00	9	00	0	0	0	—	24.6	+8.7	13.9	22	-2	9	-3	68	0	37	14	144
	01	8	32	4	1	3	8	22.4	19.7	29	00	7	30	1	0	2	4	25.4	+9.1	12.4	20	-6	8	-2	76	0	75	7	153
	00	9	32	3	0	0	—	22.2	20.9	35	00	9	02	2	0	0	—	25.1	+8.7	11.7	21	-5	7	-3	79	0	1		154
	00	7	26	3	0	0	—	21.0	20.6	42	00	7	26	1	0	0	—	24.2	+8.3	12.5	22	-5	6	-5	72	0	14	4	155
	00	9	26	3	1	0	—	17.0	27.6	13	01	7	26	4	0	4	1	20.4	+5.7	15.8	29	-2	10	-2	51	0	20		156
	00	7	30	4	0	0	—	18.4	26.0	19	00	7	28	2	0	0	—	21.9	—	18.0	27		12		36	0	tr.		157
	00	9	32	4	0	0	—	16.0	27.3	20	00	9	32	4	0	0	—	21.6	+6.9	15.3	28	-3	13	-2	48	0	tr.	—	158
	00	8	00	0	0	0	—	25.4	23.0	52	00	7	00	0	0	0	—	26.8	+9.2	12.5	25	-1	—	—	63	0	5	7	148
	00	9	00	0	0	0	—	23.9	20.0	40	00	9	00	0	0	0	—	26.2	+9.5	12.5	23		7		71	0	7		149
	00	8	32	4	0	0	—	19.9	23.0	—	00	9	32	4	0	0	—	23.6	+8.0	15.0	24	-5	11	0	51	0	4	—	151
	00	8	32	2	0	0	—	22.0	21.8	51	00	7	24	1	0	0	—	25.4	+9.3	13.5	23	-6	10	0	59	0	tr.		152
	00	6	28	3	0	0	—	17.8	19.3	72	00	6	28	3	0	0	—	—	—	17.4	20	-4	11	-2	58	0	3	12	145
	00	9	30	5	0	0	—	17.8	21.2	34	00	9	30	5	0	0	—	20.8	+6.4	16.3	23	-3	11	-2	48	0	8	—	146
	00	8	32	5	1	0	—	18.2	21.0	51	00	8	32	5	0	0	—	19.5	+5.5	18.2	22	-4	17	0	47	0	20	—	147
																										0	82	95	169
	00	8	30	4	0	0	—	15	29	13	00	8	30	5	0	0	—	21		16 26					18	0	tr.		165
	00	8	04	3	0	0	—	9	36	12	00	8	04	4	0	1	—	15		22					07	0	0	1	166
	00	8	06	3	0	0	—	7	36	11	18	6	04	4	0	0	—	13		23					24	0	0	2	167
																										0	tr.	4	169
	00	8	04	3	0	0	—	3	38	21	00	8	10	3	0	0	—	8		25					19	0	9	8	170
	00	8	32	4	0	0	—	4	40	10																0	8	12	171
																										0	4	14	173
											00	8	32	3	0	0	—	7		33					14	—	—	49	182
	00	8	32	2	0	0	—	—	39	09																0	1	38	172
	00	8	02	4	0	0	—	7	36	08	00	8	30	4	0	1	4	13		23					12	0	6	16	174
	00	8	06	2	0	0	—	—	32	15	00	8	02	1	0	0	—	—		18					32	0	5	6	175
	00	8	04	2	0	0	—	—	33	15	01	8	02	3	1	4	2	—								—	—	4	179
	02	8	00	0	1	5	4,1	6	40	07	01	7	28	3	0	4	1	10		28					14	—	—	92	187
	00	9	30	3	1	2	4	4	41	17	01	8	02	6	1	5	4	8		30					17	0	52	91	176
	00	8	00	0	0	0	—	6	38	15	00	8	02	1	0	0	—	9		26					16	0	186	162	177
	01	8	24	2	1	4	8	9	39	14	00	8	18	1	0	0	—	9		—					—	0	149	179	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

SALUM			PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	FASHER	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	8 h 30 m	h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	h m	h m
				02 26 05		02 36 30	02 36 30	10 02 60	10 03 —	10 35 25	10 04 20	10 02 55		
				05 35 10		05 35 35	05 36 40	15 35 30	15 03 40	15 05 55	15 05 20	15 03 55		
				08 36 20		10 36 40	10 01 35	20 33 25	20 01 45	25 08 35	20 09 20	20 05 50		
				10 36 40		15 35 50	15 03 25	40 26 20	30 36 30		45 26 20			
				15 35 35		20 35 40		45 29 30	35 33 20		50 24 20			
						25 29 40		50 30 40						

Isobars, Wind and Temperature at 8 h. 19 - 3 - 1945 ١٩ - ٣ - ١٩٤٥



PRESENT WEATHER ww
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09

Forecast for 24 hours from noon of

نشرة الطقس المنتظر في ٢٤ ساعة من ظهر يوم

Mean of day

STATION	Humidity % 18th	Diff. from normal	Wet bulb temp. °C 18th	Diff. from normal
Alexandria	61	-4	11.9	-1.4
Ezbekiya	64	+4	11.2	-1.9
Giza	70	+8	11.0	-2.0
Helwan	54	+8	10.3	-1.4

Giza Grass minimum 19th 2.7 °C

Discharge at Aswan measured by sluices m³ per sec

DATE	1945	1944
19-3	810	810
18-3	752	810

GAUGE	Date 1945	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	19-3				
Nasser				4.96	-0.06
Malakal		9.92	-0.24	9.93	-0.24
Roseires		11.30	-0.07	11.30	-0.08
Sennar Res.				17.96	—
J. Aulia U.S.				375.30	—
J. Aulia D.S.				371.83	+0.81
Khartum				10.62	+0.43
Kh. el Girba					
Atbara		10.50	+0.47	10.51	+0.47
Kajnarti		132.80	+0.57	132.83	+0.58
Aswan Res.		119.43	—	119.43	—
Aswan D.S.		84.85	-0.87	84.87	-0.87
Roda (Cairo)		16.71	+0.52	16.09	+0.52

At 8 h. on 19th ١٩ الساعة ٨ يوم

STATION محطة	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud N	Cloud C	Bar. pressure M.S.L. 1000+ mbs	Diff from normal mbs	Dry bulb °C	Max. yesterday	Diff from norm.	Min. today	Diff from norm.	Humidity	Rain past 24 hrs	Total	Normal
N. Hamadi	00	8	00	0	0	3	4	22.4	—	13.9	24	—	9	—	58	0	16	—
Limassol	01	9	26	2	1	3	—	21.0	+7.0	12	—	—	—	—	—	5	601	409

SHIPS سفن

Water Temp. River Nile Cairo 15.2 °C.

HOURS ... STANDARD TIME ... AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

CAIRO

Time of Sunrise h m 05 59

Sunset 18 06

Month *March* 1945 ١٩٤٥

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 7 h. on 19th / At 8 h. on *Tuesday 20th*

STATION	19th 7h: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S. 1000+ mbs.	Temp.	Humidity	20th 8h: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity %	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALUM																													130
MATRUH	01	9	30	4	1	3	8	24.2	17.0	78	01	9	24	1	1	3	8	23.5	+7.1	13.9	17	-3	9	-2	84	0	97	151	131
DIKHEILA																													150
ALEXANDRIA	02	9	24	3	2	5	8	24.7	18.6	63	02	9	24	3	2	5	8	23.4	+7.7	16.0	19	-3	13	0	72	1	239	177	132
DAMIETTA	00	8	28	3	1	3	8	23.1	17.2	63	20	7	20	2	5	5	7	22.2	—	14.4	18		8		85	dr	98	98	159
PORT SAID	01	8	30	3	1	4	6	23.2	18.8	56	00	8	20	3	0	2	8	21.9	+7.1	14.0	20	-1	13	-1	84	0	78	69	134
EL ARISH	01	9	30	2	1	3	8	22.4	17.3	63	01	9	20	2	1	3	8	22.8	+6.8	16.2	19	-2	10	0	80	0	229	81	135
DAMANHUR	01	7	28	4	1	4	8	23.4	18.6	51	01	6	24	3	1	3	8	22.8	+6.8	12.6	19	-5	8	-2	91	dr	119	90	136
MANSURA	02	7	02	2	2	5	8	23.4	18.8	45	01	7	30	1	1	3	8	22.8	—	13.5	21	-3	7	-3	81	dr	46	46	137
TANTA	02	8	32	1	1	5	8	23.4	18.0	57	00	8	24	1	0	0	—	22.6	+6.2	12.8	21	-3	6	-3	94	0	49	34	138
ZAGAZIG	21	7	28	2	5	5	8	23.8	18.8	63	00	7	22	2	0	2	8	23.9	+7.9	12.9	21	-3	7	-2	89	dr	41	24	139
CAIRO ALMAZA	01	7	30	1	1	5	8	24	18.7	42	05	6	22	1	0	3	6	23.6	—	13.4	20		9	—	73	0	44		141
CAIRO EZBEKIYA	02	7	28	3	5	6	8	23.5	19.2	46	09	5	16	1	0	3	4	23.5	+7.4	12.6	20	-5	9	-2	81	dr	41	21	—
CAIRO GIZA	03	7	30	3	5	8	9	22.8	20.4	43	09	5	16	1	4	3	4	23.5	+7.0	13.1	21	-4	6	-2	87	dr	41	21	—
HELWAN	01	8	26	4	1	4	8	23.1	19.0	40	05	6	00	0	0	1	4	23.8	+7.8	11.0	19	-6	9	-3	82	0	50	23	143
SUEZ	01	8	32	1	1	4	5	22.4	20.2	30	00	9	08	1	0	0	—	23.8	+7.9	17.2	22	-2	9	-3	69	0	37	14	144
FAIYUM	02	8	32	5	2	5	6	24.6	20.0	32	01	8	30	1	1	3	4	23.9	+7.7	13.3	21	-5	8	-2	76	0	75	7	153
MINYA	01	8	32	4	1	3	4	22.3	20.7	33																	1		154
ASYUT	01	7	30	3	1	4	2	21.8	20.2	48	00	7	22	1	0	0	—	23.4	+7.6	12.8	22	-5	7	-4	74	0	14	4	155
QENA	01	8	26	3	1	4	1	18.6	25.8	24	00	7	04	2	0	0	—	21.0	+6.3	17.0	28	-3	8	-4	53	0	20		156
LUXOR	00	7	02	3	0	0	—	19.0	25.9	21	00	7	12	2	0	0	—	20.7	—	17.7	27	—	12	—	43	0	tr		157
ASWAN											00	9	32	5	0	0	—	20.0	+5.4	16.0	25	-6	13	-2	39	0	dr.	—	158
SIWA	02	8	24	2	1	6	3	25.9	22.8	46	00	7	28	1	0	0	—	24.6	+7.0	12.5	23	-3	7	-2	60	0	5	7	148
BAHARIYA	00	9	00	0	0	0	—	23.8	21.0	34	00	7	00	0	0	0	—	24.7	+8.0	11.2	24	—	5	—	59	0	7		149
KHARGA	00	8	32	5	0	0	—	21.2	21.4	19	00	8	32	4	0	0	—	22.6	+7.1	15.8	22	-8	12	0	47	0	4	—	151
DAKHLA	00	8	32	3	0	0	—	22.7	21.0	57	00	7	28	1	0	0	—	23.9	+7.9	12.3	23	-6	8	-3	62	0	tr.		152
TOR	00	6	28	3	0	0	—	18.8	18.9	74	00	6	28	3	0	0	—	20.0	+5.6	17.9	21	-3	15	+2	61	0	3	12	145
HURGHADA	00	9	02	4	0	0	—	18.5	20.2	39	00	9	28	4	0	0	—	20.8	+6.4	17.2	22	-4	10	-3	46	0	8	—	146
QUSEIR	00	8	32	5	0	0	—	18.7	20.4	47	00	8	32	5	0	0	—	19.0	+5.1	18.8	22	-4	17	0	56	0	20	—	147
PORT SUDAN																										0	82	95	169
WADI HALFA	00	7	00	0	0	0	—	17	26	11	00	9	31	4	0	0	—	19		16					34	0	dr.	—	165
KAREIMA	00	7	04	5	0	0	—	11	34	05	00	8	02	3	0	0	—	15		20					15	0	0	1	166
ATBARA	00	7	04	4	0	0	—	7	36	12	05	6	04	4	0	0	—	12		22					25	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	02	3	0	0	—	2	38	19	01	8	02	3	1	4	4	8		24					65	0	9	8	170
WAD MEDANI	00	8	02	5	0	0	—	4	38	09	05	6	02	4	4	3	4	10		24					29	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	30	3	0	2	—	2	41	07	00	9	28	4	0	0	—	8		27					17	—	—	49	182
ROSEIRES	00	9	16	2	0	0	—	3	40	38	00	7	32	2	0	0	—	8		27					28	0	1	38	172
EL OBEID	00	7	02	5	0	0	—	5	36	09	18	6	30	4	0	0	—	12		21					17	0	6	16	174
EL FASHER	00	8	06	3	0	0	—	—	33	24	05	5	32	3	0	5	2	—		18					20	0	5	6	175
GENEINA	01	8	04	5	1	3	1	—	33	08	05	6	02	5	0	4	1	—		19					19	—	—	4	179
KADUGLI	01	7	04	4	1	4	2	5	39	07	00	5	08	4	0	0	—	10		27					17	—	—	92	187
MALAKAL	00	8	02	5	0	0	—	3	41	08	00	7	02	5	1	3	4	7		29					15	0	52	91	176
WAU	00	8	02	2	1	0	—	4	41	10	00	8	00	0	0	0	—	10		27					23	0	186	163	177
JUBA	01	8	32	1	0	5	8	3	41	17	00	8	18	2	0	0	—	8		29					43	0	149	180	178

UPPER WINDS ON 20th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	CAIRO	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM / FASHER	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	08 h 45 m	07 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m
				02 18 05	02 25 05	02 03 25	02 36 10	20 33 30	10 05 55	10 06 30	10 09 05	10 02 60	10 02 80	10 16 15
				05 34 10	03 30 10	05 01 35	05 36 55	40 29 40	15 02 30	15 06 35	15 09 05	15 04 70	15 02 95	15 09 30
				08 34 10	05 32 10	10 36 55	10 01 45	45 29 40	20 02 35	20 07 50	20 08 10	20 05 55	20 03 70	20 05 40
				10 34 15	10 33 20	15 36 60	15 07 55		30 03 25		40 29 05			30 01 20
				15 33 40	15 33 35	20 36 55			40 34 15		45 25 20			
				20 31 50	20 32 55	25 30 50			45 34 15		50 25 20			
				23 32 70		30 29 60								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 19th	Diff. from normal	Wet Bulb Temp °C on 19th	Diff. from normal
Alexandria	61	-4	13.0	-0.4
Ezbekiya	69	+9	12.2	-1.0
Giza	68	+6	12.5	-0.6
Helwan	49	+3	11.1	-0.7

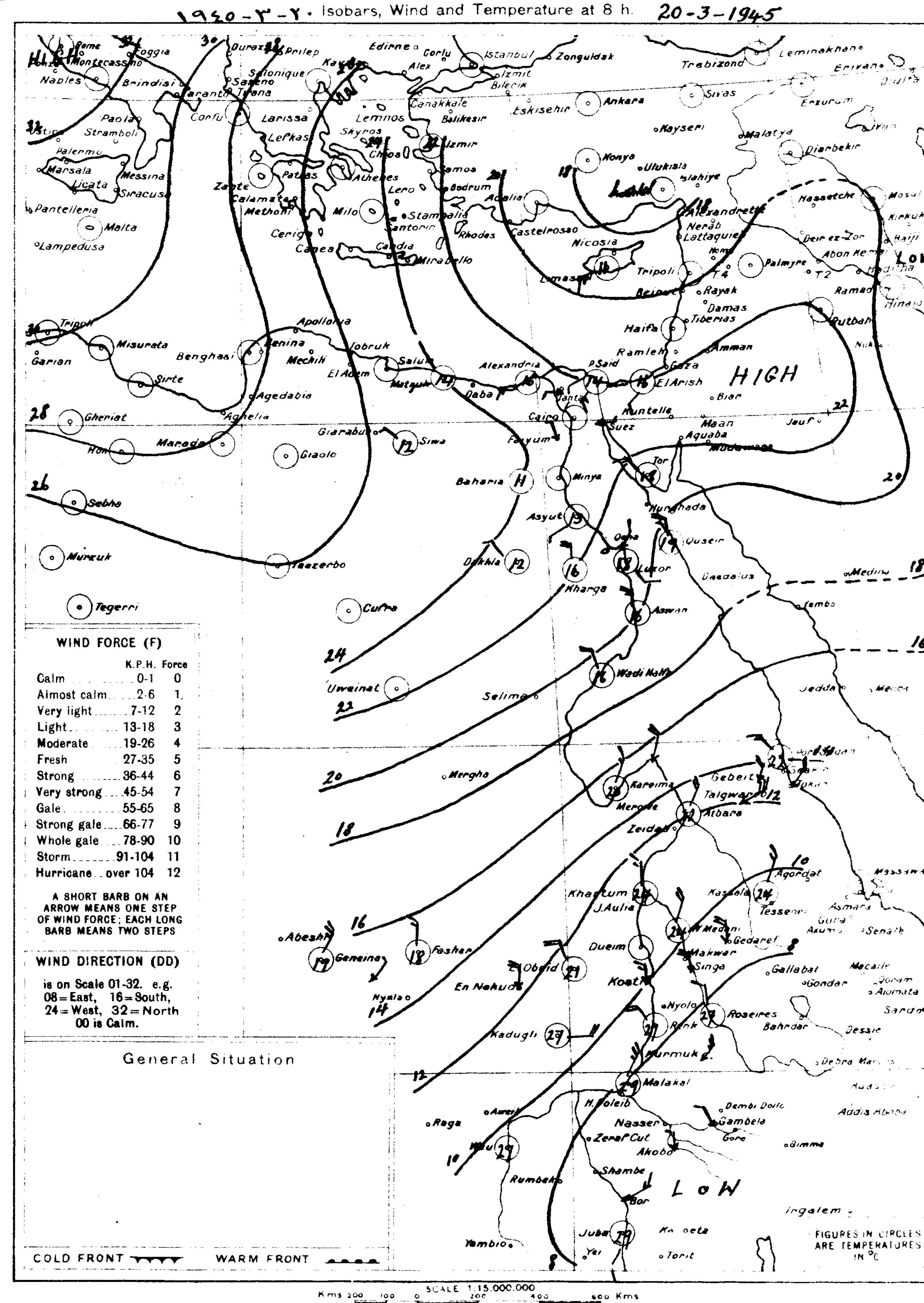
Giza Grass minimum on 20th 2.3 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
20-3	810	810
19-3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	12.44	-0.82
Nasser		—	—	4.95	-0.06
Malakal		9.90	-0.25	9.92	-0.24
Roseires		11.28	-0.09	11.30	-0.07
Sennar Res.		—	—	17.86	—
J. Aulia U.S	20	—	—	375.27	—
J. Aulia D.S		—	—	371.80	+0.78
Khartum		—	—	10.61	+0.42
Kh. el Girba					
Atbara		10.50	+0.48	10.50	+0.47
Kajnarti		—	—	132.80	+0.57
Aswan Res.		119.43	—	119.43	—
Aswan D.S.		85.00	-0.71	84.85	-0.87
Roda (Cairo)		16.09	+0.53	16.11	+0.54

١٩٤٥-٣-٢٠ Isobars, Wind and Temperature at 8 h. *20-3-1945*



At 8 h. on 20th

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
H. Hamadi	00	8	00	0	0	0	—	21.4	—	14.5	24	—	7	—	57	0	16	—
Limassol	00	7	22	3	0	1	—	18.4	+4.5	11	—	—	—	—	—	1	602	410
SHIPS																		

Remarks

Water Temp. River Nile Cairo 15.7 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thick Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
[illegible]	13
Distant Duststorm	[illegible]
Squalls	[illegible]
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist, fog in last hour	41
[illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
[illegible] Rain	91
with Hail	[illegible]
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)	
Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 "	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 05 h 58 m
Sunset 18 h 06 m

Month *MARCH* 1945 ١٩٤٥ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 20th — الساعة ١٤ يوم ٢٠ | At 8 h. on Wednesday 21st — الساعة ٨ يوم الاربعاء ٢١

Station	14h Present weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs PPP	14h Temp. TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. M.S.L. 1000+ mbs PPP	8h Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	01	9	32	2	1	4	8	23.6	17.0	71	01	9	02	5	1	4	8	24.6	+8.3	15.0	17	-3	9	-2	65	0	97	151	131
DIKHELLA																													150
ALEXANDRIA	02	9	26	4	5	5	8	23.4	18.2	54	02	8	04	4	2	5	6	23.1	+7.4	15.3	20	-2	13	0	46	d	239	178	132
DAMIETTA	14	8	28	5	1	3	8	21.2	16.9	71	00	8	28	2	1	2	6	21.5	—	15.2	18	—	8	—	59	0	98	98	159
PORT SAID	01	8	28	5	9	4	6	21.0	19.4	60	00	8	28	3	0	3	8	21.8	+7.0	15.2	20	-1	13	-1	68	d	78	69	134
EL ARISH	01	9	30	2	1	3	8	20.4	17.3	53	01	9	30	1	6	3	8	19.8	+3.9	16.2	19	-2	10	0	80	3	232	81	135
LOWER EGYPT																													
DAMANHUR	01	7	28	4	1	3	8	22.0	18.0	57	01	6	04	3	1	4	8	22.2	+6.2	13.3	20	-4	8	-2	67	0	119	90	136
MANSURA	01	7	24	2	6	4	8	21.4	19.8	43	01	7	20	1	1	3	8	22.3	—	14.0	20	-4	9	-1	64	2	48	46	137
TANTA	01	8	28	5	1	4	4	21.2	20.5	41	00	8	28	1	0	0	—	23.0	+6.6	13.0	21	-4	6	-3	77	0	49	34	138
ZAGAZIG	02	7	28	5	1	5	8	23.0	21.6	48	00	7	24	2	0	0	—	22.6	+6.7	12.9	22	-3	6	-3	77	0	41	24	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	7	31	3	8	5	9	22.3	19.2	37	01	7	02	1	1	5	6	23.1	—	12.1	21	—	10	—	69	tr.	44	—	141
CAIRO EZBEKIYA	02	7	28	4	5	6	8	21.6	21.7	38	05	5	32	2	0	3	4	23.0	+6.9	12.6	22	-3	10	-1	71	d	41	21	—
CAIRO GIZA	03	6	30	3	5	8	9	21.1	20.9	48	05	5	32	1	0	0	—	23.0	+6.5	12.8	28	-2	7	-1	72	d	41	21	
HELWAN	01	8	26	2	1	4	8	21.2	19.1	37	00	7	32	3	0	0	—	23.0	+7.1	13.0	20	-5	9	-3	64	0	50	23	143
SUEZ	02	9	30	3	2	5	8	20.2	22.0	66	00	9	30	2	0	0	--	22.7	+6.9	13.8	23	-2	10	-3	69	0	37	14	144
UPPER EGYPT																													
FAIYUM	01	8	30	2	1	4	8	21.6	20.0	38	01	8	32	3	1	3	8	23.2	+7.0	13.0	22	-4	8	-2	72	0	75	7	153
MINYA	02	8	32	4	2	5	8	20.7	22.2	33	02	8	30	2	2	5	4	22.0	+5.8	12.3	23	-4	9	-1	75	0	1	—	154
ASYUT	01	8	30	2	1	3	2	20.7	21.0	43	01	7	22	1	1	4	2	21.9	+6.1	13.5	22	-5	9	-2	70	0	14	4	155
QENA	00	9	26	3	0	0	—	17.6	26.0	19	01	7	04	1	0	4	3	19.9	+5.3	16.8	27	-5	11	-1	57	0	20	—	156
LUXOR	00	7	02	3	0	0	—	19.4	26.0	16	00	7	04	2	0	0	—	20.3	—	18.6	27	—	9	—	46	0	tr.	—	157
ASWAN	00	9	32	5	0	0	—	16.2	25.0	18	00	9	32	3	0	0	—	19.0	+4.5	16.0	26	-6	13	-2	32	0	dr.	—	158
WESTERN DESERT																													
SIWA	00	8	28	3	0	0	—	23.5	22.3	56	00	7	00	0	0	0	—	25.4	+7.9	13.8	23	-3	6	-3	59	0	6	7	148
BAHARIYA	00	9	00	0	0	0	—	21.1	20.5	37	00	7	00	0	0	0	—	23.2	+6.6	12.4	22	—	6	—	61	0	7	—	149
KHARGA	00	9	32	3	0	0	—	20.7	22.8	19	01	8	32	2	1	4	1	21.0	+5.6	16.4	24	-6	12	0	49	0	4	—	151
DAKHLA	00	8	28	2	0	0	—	21.2	22.5	51	00	7	00	0	0	0	—	22.3	+6.4	16.5	24	-6	11	0	57	0	tr.	—	152
RED SEA																													
TOR	02	6	28	3	2	8	1	18.3	19.4	69	02	6	28	3	0	8	1	18.7	+4.4	17.4	22	-3	14	+1	69	0	3	13	145
HURGHADA	01	8	30	5	1	4	8	17.6	22.5	27	02	7	28	3	2	5	8	19.8	+5.5	17.0	24	-2	12	-1	47	0	8	—	146
QUSEIR	00	8	32	4	0	0	—	18.2	21.0	57	02	8	32	4	2	5	5	17.9	+4.1	18.0	22	-4	16	-1	51	0	20	—	147
PORT SUDAN																										0	82	75	169
NORTH SUDAN																													
WADI HALFA	00	8	30	5	0	0	—	16	27	13	00	9	30	3	0	0	—	18		16					34	0	dr.	—	165
KAREIMA	00	8	04	3	0	0	—	10	33	10	00	8	04	4	0	0	—	14		20					09	0	0	1	166
ATBARA	00	7	02	4	0	0	—	7	35	13	00	7	02	4	0	0	—	11		22					25	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	02	4	0	1	4	2	37	25	01	8	04	2	1	4	4	8		24					65	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	32	4	4	3	3	4	38	11	05	5	02	4	4	0	—	10		23					20	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	28	3	0	0	—	2	38	13	00	9	32	4	0	0	—	7	—	31		—		—	13	0	—	49	182
ROSEIRES	00	7	16	2	0	0	—	2	40	38	00	7	16	2	0	0	—	9?		27					08	0	1	38	172
EL OBEID	00	8	04	3	0	2	1	7	33	19	00	7	30	3	0	0	—	13		21					14	0	6	16	174
EL FASHER	05	6	02	3	1	4	2	—	31	11	05	5	02	2	0	0	—	—		17					46	0	5	6	175
GENEINA											05	6	02	5	0	0	—	—		18					17	0	—	4	179
KADUGLI											01	7	04	4	0	4	1	11		26					16	0	—	92	187
S. SUDAN																													
MALAKAL	00	7	04	3	1	0	—	3	39	13	01	7	32	6	1	4	8	8		28					18	0	52	91	176
WAU	00	8	06	3	0	0	—	5	38	09																0	186	164	177
JUBA	01	8	04	3	1	4	8	4	40	14	01	8	12	1	1	5	2	7		29					43	0	149	181	178

UPPER WINDS ON 21st — الرياح العليا يوم ٢١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	01 h. 45 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.
				02 34 20		02 34 20	02 36 20	10 03 —		10 01 35	10 06 20	10 03 15		10 14 20
				05 36 35		05 02 30	05 01 40	15 36 25		15 05 45	15 05 10	15 03 20		15 13 30
				01 36 35		10 35 60	10 01 45	20 29 15		20 09 35	20 11 10	20 04 40		20 13 25
				10 01 35		15 33 50	15 01 35	35 29 55		35 06 20	35 32 15	25 05 —		30 10 40
				15 34 40		20 30 50		40 27 35		40 23 05	40 30 10			
				19 34 35							45 27 10			

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 20th	Diff. from normal	Wet bulb temp. °C on 20th	Diff. from normal
Alexandria	62	-3	12.6	-0.9
Ezbekiya	68	+9	12.2	-1.1
Giza	76	+14	12.7	-0.5
Helwan	63	+18	10.8	-1.1

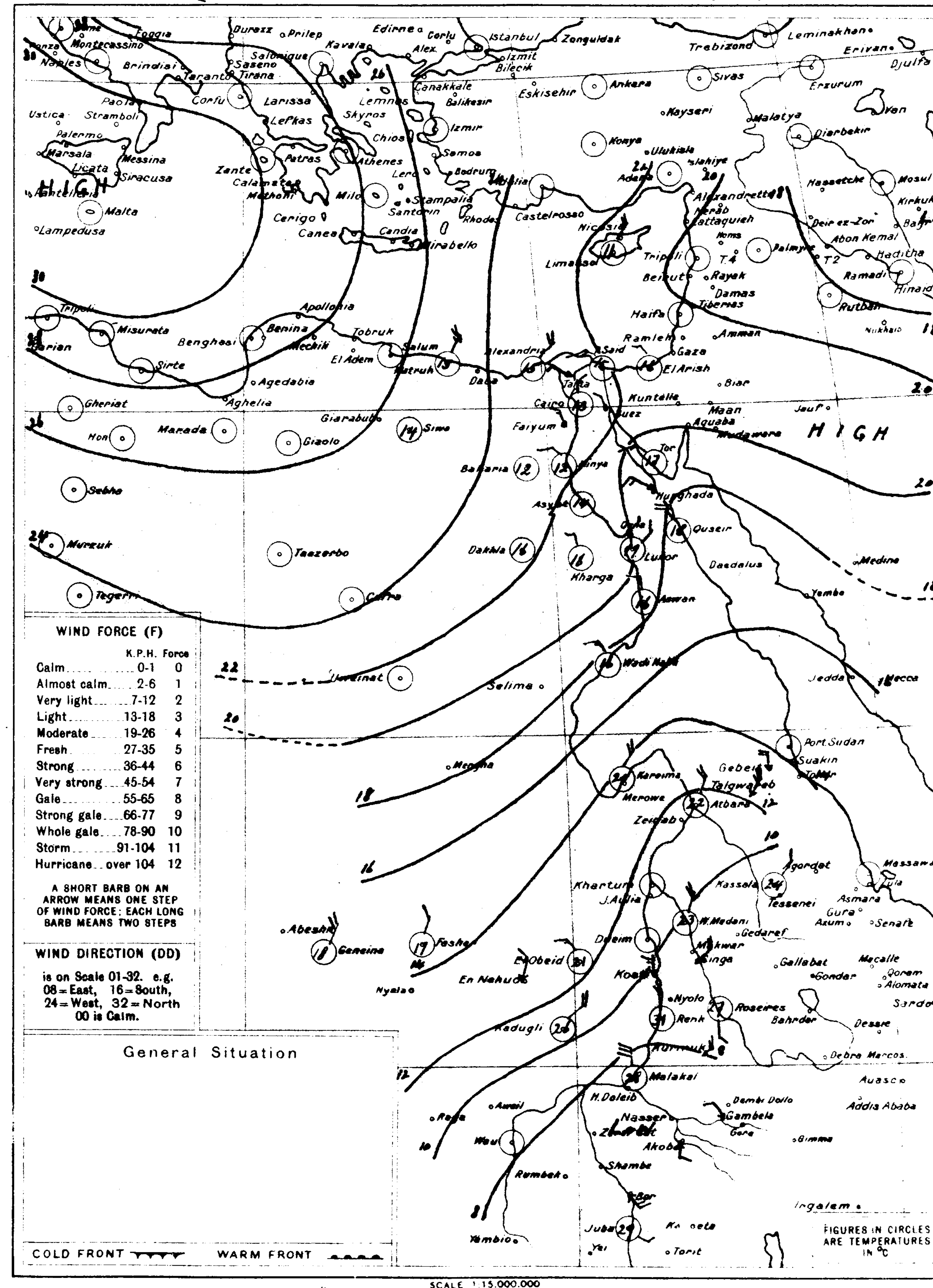
Giza Grass minimum on 21st 3.3 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
21.3	810	810
20.3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba					
Nasser	21	—	—	4.83	-0.18
Malakal		9.89	-0.26	9.90	-0.25
Roseires		11.28	-0.09	11.28	-0.09
Sennar Res.		—	—	17.71	—
J. Aulia U.S					
J. Aulia D.S					
Khartum		—	—	10.61	+0.42
Kh. el Girba					
Atbara		10.50	+0.49	10.50	+0.48
Kajnarti		—	—	132.72	+0.52
Aswan Res.		119.48	—	119.43	—
Aswan D.S.		85.00	-0.70	85.00	-0.71
Roda (Cairo)		16.06	+0.50	16.09	+0.53

٢١-٣-٤٥ Isobars, Wind and Temperature at 8 h. 21 - 3 - 45



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

At 8 h. on 21st — الساعة ٨ يوم ٢١

Station المحطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms
Nag Hamadi	08	8	00	0	0	5	4	20.0	—	13.7	24	—	7	—	58	0	16	—
Limassol	01	6	04	5	1	4	—	20.6	+6.7	11	—	—	—	—	—	0	602	411
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 15.8 °C

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 05 h 56 m
Sunset 18 07

Month MARCH, 1945 ١٩٤٥ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 21st الساعة ١٤ يوم ٢١ — At 8 h. on THURSDAY 22nd الساعة ٨ يوم الخميس ٢٢

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	Temp. TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	01	9	32	4	1	4	8	24.3	15.3	59	02	8	32	3	2	5	9	24.6	+8.3	14.5	16	-4	13	+2	62	0	97	152	131
DIKHEILA																													150
ALEXANDRIA	01	9	32	4	2	4	6	23.1	18.3	54	01	9	04	2	2	4	8	24.8	+9.2	16.0	19	-3	12	-1	52	0	239	178	132
DAMIETTA	01	8	28	3	1	3	8	21.5	16.6	54	00	8	04	2	1	2	6	23.8	—	14.5	17		10		59	0	98	98	159
PORT SAID	02	8	28	4	2	6	9	21.5	19.3	52	00	8	04	2	0	3	1	23.8	+9.1	14.8	21	-1	12	-2	51	tr.	78	70	134
EL ARISH	01	9	30	2	1	3	8	20.2	17.3	50	01	9	20	1	1	3	8	—	—	15.6	18	-3	6	-4	45	0	232	81	135
LOWER EGYPT																													
DAMANHUR	01	7	32	4	1	5	8	22.3	17.2	48	01	6	04	3	1	3	8	24.2	+8.3	12.0	19	-5	8	-2	65	0	119	91	136
MANSURA	02	7	32	2	2	5	9	21.9	19.8	35	00	8	02	2	0	0	—	24.0	—	12.8	21	-3	9	-1	59	0	48	46	137
TANTA	02	8	32	2	2	7	7	21.6	18.8	44	00	8	32	1	0	0	—	24.4	+8.1	13.0	20	-5	5	-4	66	0	49	34	138
ZAGAZIG	00	7	28	2	0	3	8	21.1	20.1	41	00	7	08	2	0	0	—	24.0	+8.2	12.9	21	-4	6	-3	69	0	41	24	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	02	1	1	4	6	22	17.6	44	00	7	02	2	1	0	—	23.6	—	11.7	20	—	7	—	61	0	44	—	141
CAIRO EZBEKIYA	02	8	32	2	1	5	8	21.6	19.7	45	05	5	32	2	0	0	—	23.8	+7.8	10.6	20	-5	8	-3	67	0	41	21	—
CAIRO GIZA	02	8	02	2	1	5	8	21.2	19.6	34	09	5	00	0	0	0	—	23.8	+7.4	11.0	20	-5	4	-5	67	0	41	21	—
HELWAN	01	7	30	4	1	4	8	21.1	18.4	33	05	6	04	2	0	1	4	23.5	+7.6	12.0	19	-6	8	-4	64	0	50	23	143
SUEZ	02	9	02	2	2	5	8	19.0	19.6	37	00	9	04	3	0	0	—	23.8	+8.0	13.4	21	-4	8	-5	53	0	37	14	144
UPPER EGYPT																													
FAIYUM	01	8	32	3	1	3	8	21.5	19.1	31	00	8	32	3	0	0	—	23.6	+7.5	13.0	20	-6	8	-2	57	0	75	7	153
MINYA	00	9	32	4	1	0	—	20.7	20.4	30	00	9	30	2	0	0	—	22.7	+6.5	11.6	21	-6	7	-3	69	0	1	—	154
ASYUT	00	8	30	2	1	0	—	20.2	20.0	40	00	7	28	1	0	0	—	22.0	+6.3	12.5	22	-6	6	-5	65	0	14	4	155
QENA	01	8	02	3	1	4	3	16.7	20.8	43	00	8	24	2	0	0	—	19.9	+5.4	15.0	28?	-4	8	-4	51	0	20	—	156
LUXOR	00	7	02	3	0	0	—	—	21.3	21	00	7	18	2	0	0	—	20.0	—	15.0	27?	—	7	—	44	0	tr.	—	157
ASWAN	01	9	32	4	1	5	1	15.2	24.0	26	00	9	32	4	0	0	—	18.7	+4.3	14.8	25	-7	11	-5	33	0	tr.	—	158
WESTERN DESERT																													
SIWA	03	8	28	3	2	8	6	24.6	20.7	56	00	7	00	0	0	0	—	25.6	+8.2	11.0	21	-5	6	-3	75	0	5	7	148
BAHARIYA	00	9	32	1	0	0	—	22.4	21.5	32	00	9	00	0	0	0	—	24.8	+8.2	12.0	24	—	7	—	54	0	7	—	149
KHARGA	00	9	32	5	0	1	1	19.5	22.0	29	00	8	32	3	0	0	—	21.4	+6.1	15.2	23	-7	9	-3	49	0	4	—	151
DAKHLA	00	8	32	2	0	0	—	20.7	21.0	49	00	7	28	1	0	0	—	23.0	+7.1	13.5	22	-8	10	-1	61	0	tr.	—	152
RED SEA																													
TOR	00	6	28	3	0	2	1	17.8	19.3	70	00	6	28	2	0	0	—	19.0	+4.8	16.2	23	-2	10	-3	59	0	3	13	145
HURGHADA	02	7	30	5	2	5	0	18.0	20.5	37	00	9	26	3	0	0	—	19.8	+5.6	15.8	22	-4	10	-3	53	0	8	—	146
QUSEIR	01	8	32	4	2	4	5	17.4	20.3	38	00	8	32	4	0	0	—	17.6	+3.8	18.0	22	-4	15	-2	49	0	20	—	147
PORT SUDAN																										0	82	95	169
NORTH SUDAN																													
WADI HALFA	00	8	30	5	0	0	—	15	26	12	00	9	28	4	0	1	4	19		14					36	0	tr.	—	165
KAREIMA	00	8	04	4	0	0	—				00	8	04	4	0	0	—	14		19					12	0	0	1	166
ATBARA	00	8									00	7	32	4	0	0	—	11		21					28	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA											00	8	04	4	0	0	—	10		23					69	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI											00	8	02	4	1	3	1	10		24					13	0	8	12	171
DUEIM																										0	4	14	173
RENK											00	9	28	3	0	0	—	9		26		—		—	16	—	—	49	182
ROSEIRES											00	7	30	2	0	0	—	8		27					33	0	1	38	172
EL OBEID	00	8	04	4	0	3	1	7	32	11	00	8	30	3	0	0	—	11		21					20	0	6	16	174
EL FASHER	05	6	04	4	0	5	2	—	31	33	02	8	32	2	1	5	2	—		18					46	0	5	6	175
GENEINA	01	7	04	5	0	5	2	—	31	36	02	8	02	5	1	5	2	—		19					12	—	—	4	179
KADUGLI											01	8	04	3	0	4	1	11		25					45	—	—	92	187
S. SUDAN																													
MALAKAL											01	7	32	6	1	4	1	9		28					14	0	52	92	176
WAU											02	8	02	1	1	5	2	9		27					23	0	186	165	177
JUBA											00	8	06	1	0	0	—	8		30					43	0	149	182	178

UPPER WINDS ON 22nd الرياح العليا يوم ٢٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	FASHER	KASSALA	EL OBEID	GENEINA	JUBA
h m	h m	h m	h m	8 h 30 m	h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m
				02 04 45		02 36 35	02 36 20	10 03 50	10 04 55	10 36 20	10 02 50	10 02 60	10 04 50	10 11 20
				05 05 35		05 36 45	05 02 30	15 01 20	15 01 15	15 04 35	15 04 20	15 04 55	15 01 55	15 12 35
				08 03 20		10 36 50	10 03 25	20 03 20	20 33 20	20 05 20	20 03 15	20 08 25	20 01 10	20 12 25
				10 03 55		15 35 35	15 35 20	40 31 40	30 31 35	40 24 15			40 28 20	40 09 20
				15 05 50		20 35 20			40 30 20	45 23 15				
				20 05 40		25 30 20			45 26 40	50 30 15				
				23 05 50					50 24 50					
				25 05 50										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 21st	Diff. from normal	Wet Bulb Temp °C on 21st	Diff. from normal
Alexandria	53	-12	11.7	-1.9
Ezbekiya	60	+1	11.2	-2.2
Giza	63	+1	11.2	-2.1
Helwan	46	+1	9.9	-2.0

Giza Grass minimum on 22nd 0.9 °C

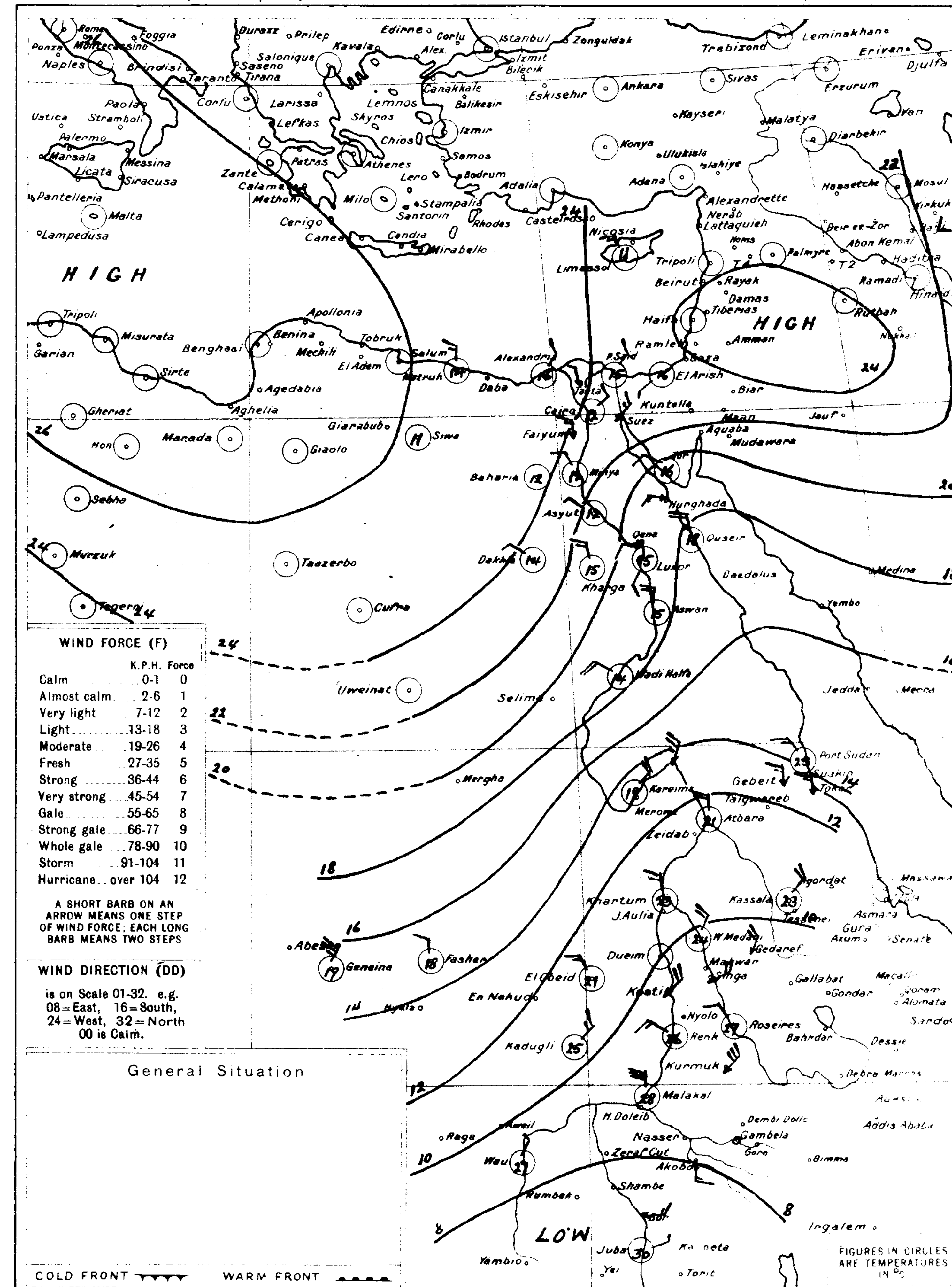
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
22-3	810	810
21-3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				12.43	-0.83
Nasser				4.82	-0.20
Malakal		9.87	-0.27	9.89	-0.26
Roseires		11.26	-0.11	11.28	-0.09
Sennar Res.	١٠			17.70	—
J. Aulia U.S				375.09	—
J. Aulia D.S	١			371.83	+0.82
Khartum				10.61	+0.42
Kh. el Girba	٢				
Atbara	٢	10.50	+0.49	10.50	+0.49
Kajnarti				132.68	+0.50
Aswan Res.		119.43	—	119.48	—
Aswan D.S.		85.00	-0.69	85.00	-0.70
Roda (Cairo)		16.00	+0.45	16.06	+0.50

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

Isobars, Wind and Temperature at 8 h. 22-3-1945 ٢٢-٣-١٩٤٥



SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

STATION محطة	At 8 h. on 22nd Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	0	—	19.9	—	12.0	24	—	6	—	61	0	16	—
Limassol	00	9	30	3	0	1	—	23.1	+9.2	11	—	—	—	—	—	0	602	412
SHIPS سفن																		

الساعة ٨ يوم ٢٢

Remarks
Water Temp. River Nile Cairo 16.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO

Time of Sunrise 05 h 55 m

Sunset 18 08

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month *MARCH* 1945 ١٩٤٥ شهر مارس

At 14 h. on *22nd* ٢٢ الساعة ١٤ يوم — At 8 h. on *FRIDAY 23rd* الساعة ٨ يوم الجمعة ٢٣

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp. TTT	14h Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs PP	8h Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm °C	Min. Today °C mm	Min. Diff. from norm °C	Humidity % UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	01	9	32	2	1	5	8	24.7	15.7	55	02	9	24	2	2	5	8	22.6	+6.4	13.0	16	-4	12	+1	67	0	97	152	131
DIKHEILA																													150
ALEXANDRIA	02	9	04	1	2	6	4	25.0	17.0	47	03	8	32	3	2	8	8	22.3	+6.7	15.0	19	-3	13	0	49	0	239	178	132
DAMIETTA	01	8	04	3	1	3	8	24.0	15.9	56	01	8	02		1	4	8	21.4	—	14.7	17		9		58	0	98	99	159
PORT SAID	01	8	04	3	1	4	8	23.9	17.0	47	01	8	02	2	1	5	6	21.0	+6.3	15.3	18	-4	12	-2	53	0	78	70	134
EL ARISH	00	9	02	2	0	0	—	24.4	17.7	48	01	8	20	1	1	4	8	18.8?	+3.1	14.3	18	-3	6	-4	58	0	232	82	135
LOWER EGYPT																													
DAMANHUR	01	7	04	3	1	3	8	23.9	17.8	43	02	6	32	2	2	5	4	21.8	+6.0	12.4	18	-6	8	-2	70	0	119	91	136
MANSURA	01	8	02	2	1	4	8	23.8	19.2	39	01	7	32	1	1	4	8	21.8	—	12.8	21	-3	8	-2	68	0	48	46	137
TANTA	01	8	32	3	1	4	8	23.1	19.5	39	02	7	32	1	2	5	8	22.0	+5.8	10.0	21	-4	3?	-6	66	0	49	34	138
ZAGAZIG	00	6	04	2	0	2	8	23.4	18.7	51	01	7	04	3	1	3	8	22.0	+6.2	15.4	21	-4	6	-3	61	0	41	24	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	02	4	0	1	8	23.0	18.4	39	02	7	02	2	1	5	6	22.3	—	12.0	19	—	7	—	68	0	44	—	141
CAIRO EZBEKIYA	00	8	02	4	0	0	—	21.8	19.6	39	05	6	32	2	1	5	6	21.8	+5.8	10.9	20	-5	7	-4	70	0	41	22	—
CAIRO GIZA	00	8	04	4	0	0	—	21.6	19.2	27	02	6	32	2	1	6	4	21.6	+5.2	12.2	20	-5	7	-2	66	0	41	21	—
HELWAN	00	8	02	6	0	0	—	21.5	18.7	25	01	7	02	5	0	3	8	21.4	+5.6	11.9	20	-5	9	-3	55	0	50	23	143
SUEZ	00	9	04	4	0	0	—	21.4	18.6	30	02	9	02	2	2	6	8	21.9	+6.1	13.3	20	-5	7	-6	66	0	37	14	144
UPPER EGYPT																													
FAIYUM	00	8	32	4	0	0	—	21.0	19.6	26	00	8	32	3	0	2	8	21.6	+5.5	12.2	20	-6	7	-3	61	0	75	7	153
MINYA	00	9	32	4	0	0	—	20.3	20.3	33	00	8	32	4	0	0	—	20.0	+3.9	12.3	21	-6	8	-2	61	0	1	—	154
ASYUT	00	8	30	2	0	0	—	18.7	19.8	39	00	8	28	2	0	0	—	19.9	+4.3	10.0	23	-5	5	-6	74	0	14	4	155
QENA	00	9	24	2	0	0	—	16.8	25.3	26	00	8	26	4	0	0	—	—	—	12.8	27	-5	7	-6	47	0	20	—	156
LUXOR	00	7	30	2	0	0	—	17.2	25.6	23	00	7	26	2	0	0	—	17.6	—	16.0	26		6		50	0	tr.	—	157
ASWAN	00	9	32	4	0	0	—	15.5	23.4	21	00	9	00	0	0	0	—	16.2	+2.0	15.0	25	-7	10	-6	30	0	dr.	—	158
DESERT																													
SIWA	00	8	28	2	0	0	—	25.4	19.0	—	00	7	00	0	0	0	—	23.8	+6.4	12.5	21	-5	6	-3	71	0	5	7	148
BAHARIYA	00	9	00	0	0	0	—	21.1	21.2	33	00	9	32	1	0	0	—	22.0	+5.5	11.2	23		6		61	0	7	—	149
KHARGA	00	9	32	4	0	0	—	19.4	20.2	28	00	8	32	4	0	0	—	19.8	+4.6	13.2	21	-9	9	-3	53	0	4	—	151
DAKHLA	00	8	32	2	0	0	—	20.8	19.5	55	00	7	32	1	0	0	—	21.5	+5.7	13.0	21	-9	8	-3	64	0	tr.	—	152
RED SEA																													
TOR	00	6	28	3	0	0	—	17.2	18.2	70	00	6	32	1	0	0	—	16.0	+1.9	16.3	22	-3	10	-4	60	0	3	13	145
HURGHADA	00	9	02	3	0	0	—	18.3?	22.5	27	00	9	30	6	0	0	—	16.7	+2.6	16.2	23	-3	10	-3	48	0	8	—	146
QUSEIR	00	8	32	4	0	0	—	17.4	20.2	53	00	8	32	3	0	0	—	14.6	+0.9	17.2	21	-5	14	-3	43	0	20	—	147
PORT SUDAN																										0	82	95	169
NORTH SUDAN																													
WADI HALFA											01	9	30	3	2	5	4	18		14					—	0	dr.	—	[illegible]
KAREIMA											00	8	02	5	0	0	—	14		18					19	0	0	1	166
ATBARA	00	7	28	2	0	0	—	8	33	19	00	8	28	4	0	0	—	11		22					16	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	04	3	0	3	4	4	37	20	01	8	04	3	1	5	8,4	8		24					61	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	02	3	1	3	1	5	37	10	01	9	32	5	1	3	3	11		24					18	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	30	3	0	0	—	4	38	11	00	9	32	3	0	0	—	9	—	25					24	0	—	49	182
ROSEIRES	00	7	16	2	0	0	—	5?	39	44	00	7	16	2	0	0	—	8		28					25	0	1	38	172
EL OBEID	00	9	04	3	0	2	1	7	33	10	01	8	30	4	0	4	2	13		20					21	0	6	16	174
EL FASHER											01	7	30	3	1	4	1	—		18					43	0	5	6	175
GENEINA	01	8	04	3	1	4	2	—	32	09	01	8	02	4	1	4	4	—		19					52	—	—	4	179
KADUGLI	00	8	04	3	0	1	1	6	36	27	02	8	28	3	1	5	1	11		25					28	—	—	92	187
S. SUDAN																													
MALAKAL	02	8	02	5	1	5	8,2	4	38	13																0	52	92	176
WAU	02	8	06	3	1	5	2	3	38	11	02	8	02	1	1	6	4,?	10		26					21	0	186	166	177
JUBA	01	8	08	2	1	5	8,4,1	3	40	—	02	8	04	1	8	6	8	11		29					46	tr.	149	183	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 23rd ٢٣

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN h m	MINYA h m	ASYUT h m	ASWAN h m	WADI HALFA 7 h m	KAREIMA 7 h m	Khartum 7 h m	KASSALA 7 h m	EL OBEID 7 h m	MALAKAL h m	JUBA 7 h m
								10 36 30	10 02 35		10 03 25	10 01 55		10 07 20
								15 29 05	15 31 20	15 05 25	15 05 20	15 03 60		15 08 30
								20 29 36	20 31 40	20 06 05	20 06 30	20 05 20		20 10 30
								30 26 55	30 03 15	30 26 05	30 04 40	30 34 10		30 12 —
								35 27 60		40 23 15		40 33 05		
										50 26 05		45 29 15		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 22nd	Diff. from normal	Wet bulb temp °C on 22nd	Diff. from normal
Alexandria	52	-13	10.8	-2.9
Ezbekiya	58	-1	10.1	-3.4
Giza	55	-7	9.4	-4.6
Helwan	43	-2	8.8	-3.2

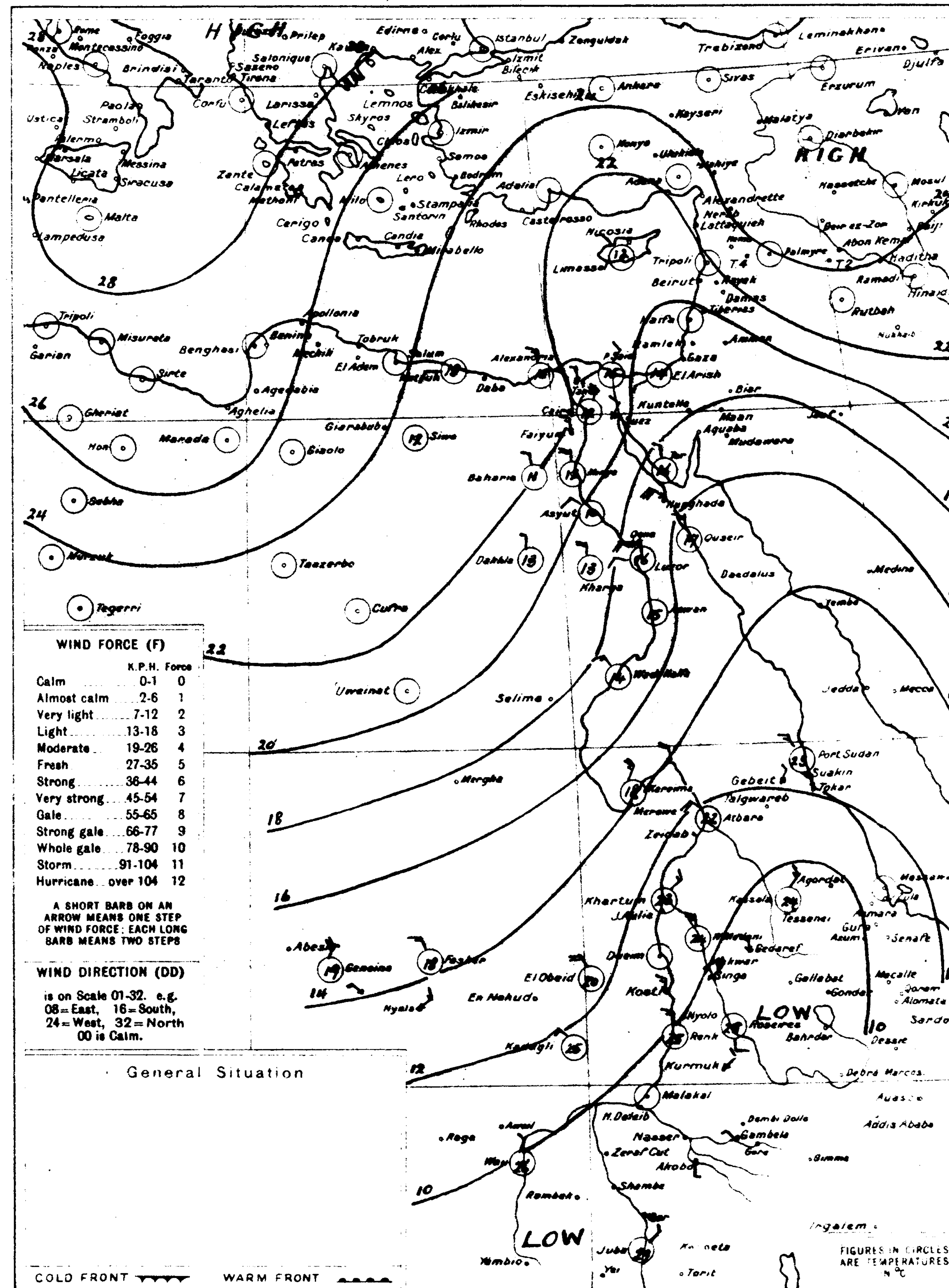
Giza Grass minimum on 23rd 3.8 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
23-3	810	810
22-3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		12.42	-0.84	12.42	-0.84
Nasser		—	—	4.80	-0.23
Malakal		9.87	-0.27	9.87	-0.27
Roseires		11.25	-0.12	11.26	-0.11
Sennar Res.		17.52	—	17.62	—
J. Aulia U.S		374.89	—	375.00	—
J. Aulia D.S		371.84	+0.85	371.81	+0.82
Khartum		10.57	+0.38	10.58	+0.39
Kh. el Girba					
Atbara		10.49	+0.49	10.50	+0.49
Kajnarti		132.65	+0.52	132.65	+0.50
Aswan Res.		119.57	—	119.43	—
Aswan D.S.		85.00	-0.68	85.00	-0.69
Roda (Cairo)		13.84	+0.29	13.88	+0.28

Isobars, Wind and Temperature at 8 h. ١٩٤٥-٣-٢٣ *23-3-1945*



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 23rd الساعة ٨ يوم ٢٣

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm °C	Min. Today °C mm	Diff. from norm °C	Humidity % UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	9	30	1	0	1	—	20.3	+6.8	12	—	—	—	—	—	0	602	413
Naghamadi	00	8	00	0	0	0	—	17.6	—	11.2	22	—	8	—	59	0	16	—

SHIPS سفن

Remarks

WATER TEMP. RIVER NILE CAIRO 16.1 °C

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 05 h 54 m
Sunset 18 h 09 m

Month March 1945 ١٩٤٥ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	At 14 h. on 23rd — Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	°C Temp. TTT	% Humidity UU	At 8 h. on Saturday 24th — Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	01	9	30	3	1	4	8	21.5	16.4	66	01	9	30	5	2	4	8	20.3	+4.1	15.2	17	-3	13	+2	68	0	97	153	131
DIKHEILA																													150
ALEXANDRIA	02	9	04	2	0	6	4	20.0	18.7	44	03	9	28	3	5	8	8	18.0	+2.5	15.4	20	-2	12	-1	64	1	240	179	132
DAMIETTA	00	8	32	2	1	2	8	19.1	15.9	57	01	8	28	3	1	4	8	16.0	—	15.0	17		10		64	0	98	99	159
PORT SAÏD	00	8	30	3	0	0	—	18.6	18.3	48	01	8	18	2	6	5	6	16.3	+1.7	14.0	20	-2	12	-2	81	2	80	70	134
EL 'ARISH	01	9	30	2	1	4	8	16.0	16.2	53	01	9	20	1	1	3	8	—	—	16.2	18	-3	10	-1	43	0	232	82	135
LOWER EGYPT																													
DAMANHÛR	01	7	32	3	1	4	8	—	18.2	48	01	7	28	2	5	3	8	17.0	+1.3	12.8	19	-5	9	-1	82	dr.	119	91	136
MANṢURA	01	8	02	2	1	4	8	18.7	19.2	39	00	8	32	2	1	0	—	16.8	—	14.0	21	-4	9	-1	73	0	48	47	137
TANTA	01	8	32	1	1	4	8	18.6	19.5	35	02	8	00	0	1	5	8	17.2	+1.1	13.0	21	-4	8	-1	77	0	49	34	138
ZAGAZIG	00	6	32	2	0	3	8	18.6	18.8	53	00	7	28	2	0	2	8	17.5	+1.8	14.6	20	-5	9	0	82	0	48	24	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	8	02	3	0	2	8	19.2	19.0	46	05	6	25	2	8	3	8	18	—	13.0	20		11		77	1	45		141
CAIRO EZBEKIYA	01	8	02	3	1	4	8	18.4	19.9	42	09	6	20	1	5	4	8	18.0	+2.0	13.4	21	-5	10	-1	75	dr.	41	22	—
CAIRO GIZA	01	8	02	3	1	4	8	18.2	19.5	35	09	6	24	1	1	3	8	17.9	+1.6	14.2	20	-5	8	-1	78	dr.	41	21	—
HELWAN	00	7	30	6	0	1	8	17.6	18.0	33	09	6	00	0	6	4	8	18.2	+2.5	11.5	19	-6	9	-3	82	tr.	51	23	143
SUEZ	00	9	00	0	0	0	—	16.4	18.5	44	00	9	02	1	0	0	—	18.4	+2.7	13.4	20	-5	8	-5	69	0	37	14	144
FAIYUM	00	8	32	4	0	0	—	18.2	19.0	36	01	8	30	2	1	3	6	18.8	+2.8	14.0	20	-6	8	-2	71	0	75	7	153
UPPER EGYPT																													
MINYA											01	8	28	1	1	4	8	19.5	+3.5	13.6	21	-6	6	-5	60	0	1	—	154
ASYUT	00	8	28	2	0	0	—	16.2	21.0	41	00	6	26	1	0	0	—	19.4	+3.9	11.6	22	-6	6	-5	73	0	14	4	155
QENA	00	9	22	4	0	0	—	14.0	24.4	29	05	7	24	2	0	0	—	17.2	+2.8	15.1	26	-6	9	-4	51	0	20	—	156
LUXOR	00	7	26	3	0	0	—	14.8	25.5	17	00	7	04	2	0	0	—	17.6	—	16.7	26		10		40	0	tr.	—	157
ASWAN	00	9	32	2	0	0	—	12.7	25.0	28	00	9	32	5	0	0	—	16.6	+2.5	14.7	27	-5	12	-4	32	0	dr.	—	158
WESTERN DESERT																													
SIWA	02	8	28	4	1	6	4	23.0	20.0	55	00	7	28	2	0	0	—	22.4	+5.1	12.0	22	-4	9	0	57	0	5	7	148
BAHARIYA	00	9	32	1	0	0	—	20.0	18.2	43	00	9	00	0	0	0	—	21.0	+4.5	12.0	20		8		76	0	7		149
KHARGA	00	8	32	3	0	0	—	16.7	21.0	22	00	8	32	3	0	0	—	19.5	+4.4	13.3	22	-8	9	-3	59	0	4	—	151
DAKHLA	00	8	32	2	0	0	—	19.2	19.0	54	00	7	28	1	0	0	—	20.7	+5.0	13.7	21	-9	6	-5	59	0	tr.	—	152
RED SEA																													
TOR	00	6	28	3	0	0	—	—	18.2	80	00	6	28	3	0	0	—	14.0	0.0	14.8	21	-4	13	-1	63	0	3	13	145
HURGHADA	00	9	30	5	0	0	—	14.2	20.0	52	00	9	30	6	0	0	—	16.7	+2.7	15.5	21	-5	12	-1	46	0	8	—	146
QUṢEIR	00	8	32	4	0	0	—	13.5	21.4	46	00	8	30	3	0	0	—	14.3	+0.7	15.7	22	-4	14	-4	53	0	20	—	147
PORT SUDAN																										0	82	95	169
NORTH SUDAN																													
WADI HALFA	00	7	26	5	0	0	—	14	26	12																0	dr.	—	165
KAREIMA	00	8	02	4	1	1	1	10	29	07																0	0	1	166
ATBARA	00	7	30	4	0	0	—	7	33	16	18	5	30	5	0	0	—	11		20					12	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	01	8	30	3	1	4	4	3	37	27	00	8	30	2	0	3	2	9		23					65	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	01	8	32	5	1	3	1	4	37	07	00	9	32	5	0	1		11		23					08	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	30	4	0	0	—	5	38	11	00	9	30	3	0	0	—	9		25					30	—	—	49	182
ROSEIRES											00	7	32	2	0	0	—	9		25					42	0	1	38	172
EL OBEID	00	8	03	3	0	3	1	8	31	11	01	8	30	4	0	3	1	12		19					12	0	6	16	174
EL FASHER	02	8	02	4	1	5	2	—	32	17	01	8	32	3	1	4	2	—		17					39	0	5	6	175
GENEINA	01	8	04	3	1	3	1	—	33	17	01	8	04	5	0	4	1	—		20					26	—	—	4	179
KADUGLI	01	8	32	4	1	4	1	6	36	09	01	7	04	4	1	4	1	11		24					38	—	—	92	187
S. SUDAN																													
MALAKAL	01	8	04	4	1	4	1	3	38	15	01	7	02	6	1	3	4	9		27					17	0	52	92	176
WAU	02	8	04	2	1	7	2	5	37	13																0	186	167	177
JUBA	02	8	10	2	1	5	8,2	3	39	23	02	8	04	3	1	5	6,4	9		31					41	0	149	184	178

UPPER WINDS ON 24th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 08 h. 45 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA h. m.	[illegible, written over] 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	~~MALAKAL~~ Geneina 7 h. m.	JUBA 7 h. m.
				02 29 05		02 01 10	02 34 35	10 35 65		10 02 30	10 02 15	10 01 40	10 04 50	10 03 30
				05 31 15		05 36 30	05 35 65	15 35 35		15 01 25	15 06 05	15 04 35	15 05 50	15 06 30
				08 32 34		10 01 35	10 36 30	20 33 30		20 13 10	20 33 05	20 04 15	20 20 05	20 08 35
				10 32 25		15 01 35	15 32 20	30 30 65			30 31 30	30 01 05	35 30 15	30 11 20
				12 33 28		20 36 35	20 31 25				40 29 15	40 02 05		40 14 15

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day — Humidity % on 23rd	Diff. from normal	Wet Bulb Temp. °C on 23rd	Diff. from normal
Alexandria	52	-13	11.2	-2.5
Ezbekiya	62	+3	10.9	-2.6
Gîza	61	0	10.5	-3.0
Helwân	46	+1	9.6	-2.5

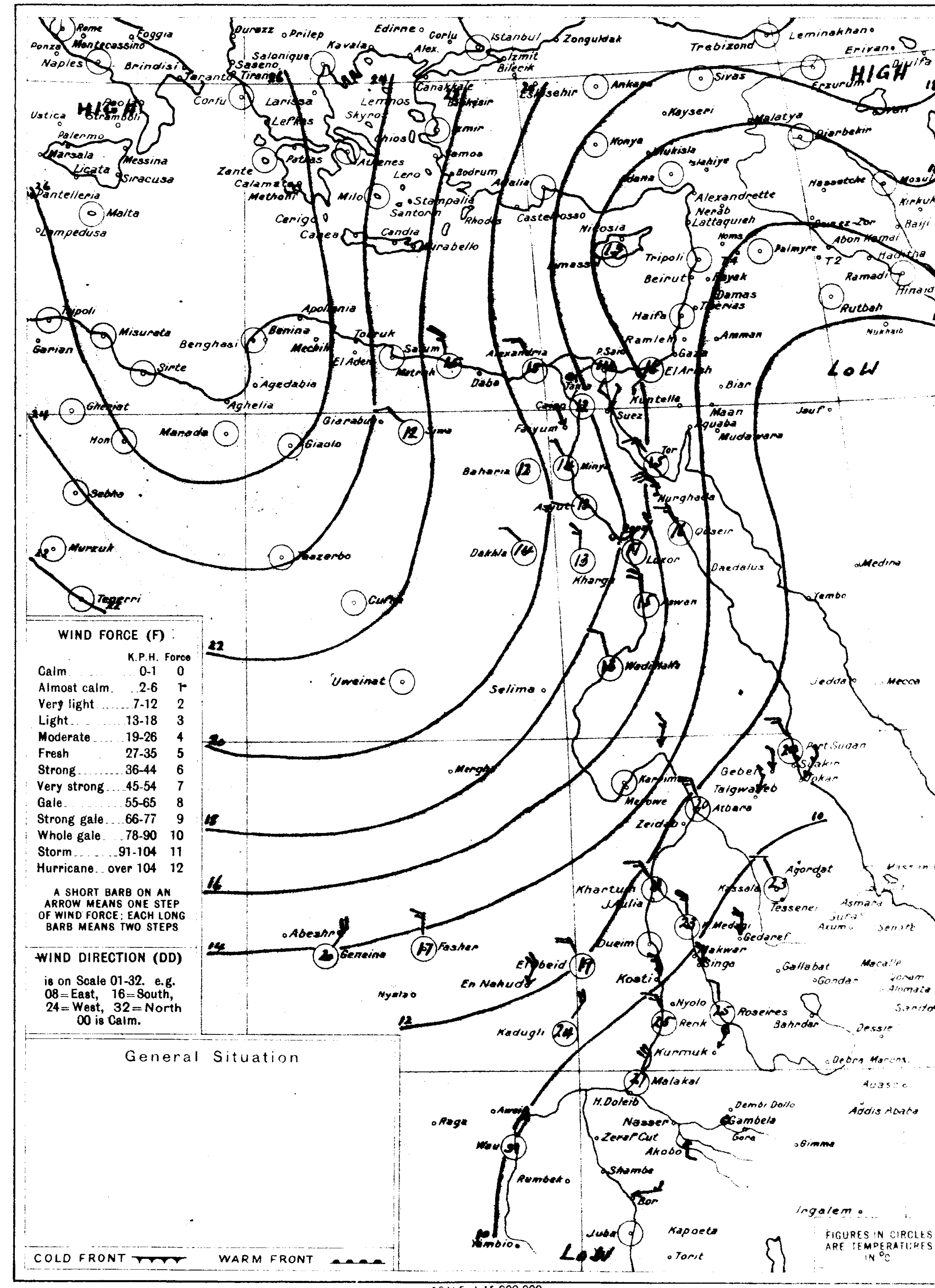
Gîza Grass minimum on 24th 4.0 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
24 - 3	810	810
23 - 3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.42	-0.84
Nâsser					
Malakâl				9.67	-0.27
Roseires		11.24	-0.13	11.25	-0.12
Sennâr Res.				17.52	—
J. Aulia U.S				374.89	—
J. Aulia D.S	23			371.84	+0.85
Khartûm	1			10.57	+0.38
Kh. el Girba	2				
'Atbara	2			10.49	+0.49
Kajnarti				132.65	+0.52
Aswân Res.		119.58	—	119.57	—
Aswân D.S.		84.99	-0.68	85.00	-0.68
Rôda (Cairo)		15.77	+0.22	15.84	+0.29

١٩٤٥-٣-٢٤ Isobars, Wind and Temperature at 8 h. 24 - 3 - 1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

STATION محطة	At 8 h. on 24th — Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	0	—	18.3	—	12.5	22	—	7	—	60	0	16	—
Limassol	02	6	00	0	1	7	—	15.1	+1.5	13	—	—	—	—	—	0	602	414
SHIPS سفن																		

Remarks
Water Temp.
River Nile Cairo
16.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,,	42
Fog in batches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise h m 05 53
Sunset 18 09
Month *March* 1945 ١٩٤٥ شهر مارس

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Region	STATION	At 14 h. on 24th: Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press M.S.L. 1000+ mbs ppp	Temp TTT	Humidity UU	At 8 h. on Sunday 25th: Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs ppp	Diff from normal mbs	Temperature Dry bulb °C TTT	Maximum Yesterday °C MM	Diff from norm. °C	Minimum Today °C mm	Diff from norm. °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
MEDITERRANEAN	SALUM																													130
	MATRUH	01	9	30	6	1	4	8	19.6	16.0	61	01	9	30	4	1	4	8	20.4	+4.3	15.3	16	-4	13	+1	78	0	97	153	131
	DIKHEILA																													150
	ALEXANDRIA	01	9	30	4	2	4	8	17.0	17.6	53	01	9	28	5	2	4	8	17.9	+2.4	15.0	19	-3	13	0	58	dr.	240	179	132
	DAMIETTA	00	8	28	3	1	2	8	15.5	16.0	58	01	8	22	3	1	3	8	16.0	—	14.5	18	—	9	—	73	0	98	99	159
	PORT SAID	00	8	26	4	0	3	8	15.6	18.9	48	13	7	26	4	5	5	9	16.7	+2.2	14.2	20	-2	12	-2	69	dr.	80	71	134
	EL ARISH	01	9	30	2	1	4	8	13.9	15.1	70	02	8	20	1	2	5	9	16.4	+0.9	12.7	18	-4	6	-5	80	0	232	82	135
LOWER EGYPT	DAMANHUR	01	6	28	4	1	4	8	16.3	18.3	54	01	6	20	3	1	4	8	16.8	+1.2	13.2	19	-5	7	-3	67	0	119	92	136
	MANSURA	01	7	30	2	1	4	9	15.5	19.2	39	01	7	24	1	1	3	8	17.2	—	13.0	21	-4	7	-3	66	0	48	47	137
	TANTA	21	7	28	4	6	5	8	15.5	19.3	67	02	7	24	3	1	5	8	17.5	+1.5	13.0	20	-5	5	-4	77	tr.	49	34	138
	ZAGAZIG	02	6	28	3	1	5	8	16.0	18.2	57	00	7	20	3	0	0	—	17.4	+1.7	13.4	20	-5	7	-2	72	0	41	24	139
MIDDLE EGYPT (CAIRO)	ALMAZA	27	7	02	2	8	5	8	16.8	17.0	62	00	7	24	2	0	1	4	19.0	—	13.7	20	—	9	—	51	2	47	—	141
	EZBEKIYA	01	8	02	1	9	4	9	15.0	19.6	57	05	6	00	0	1	3	6	18.6	+2.6	12.8	20	-6	9	-2	60	tr.	41	22	—
	GIZA	01	8	04	1	9	4	9	15.5	20.5	41	05	6	24	1	0	3	8	18.7	+2.4	14.5	22	-3	7	-2	64	dr.	41	21	—
	HELWAN	21	8	26	5	5	5	9	15.1	18.2	41	00	7	14	1	0	1	4	19.1	+3.5	11.0	19	-6	8	-4	67	tr.	51	23	143
	SUEZ	02	9	30	3	2	5	8	15.0	21.0	30	00	9	26	2	0	0	—	19.6	+3.9	15.4	23	-2	11	-2	51	0	37	14	144
UPPER EGYPT	FAIYUM	02	8	30	4	2	5	6	15.6	20.0	31	01	8	30	2	1	3	6	19.9	+3.9	12.5	21	-6	7	-3	60	0	75	7	153
	MINYA											00	8	32	1	0	0	—	20.6	+4.7	11.8	22	-5	8	-3	66	0	1	—	154
	ASYUT	01	7	28	2	0	4	8	16.0	19.8	47	00	7	22	1	0	0	—	21.0	+5.6	12.0	22	-6	7	-4	71	0	14	4	155
	QENA	00	9	26	3	0	0	—	13.9	23.6	28	01	7	22	3	0	4	3	19.5	+5.1	14.9	25	-7	8	-5	55	0	20.	—	156
	LUXOR	00	7	30	2	0	0	—	14.8	23.8	24	00	7	28	2	0	0	—	19.5	—	17.8	—		—	—	42	0	tr.	—	157
	ASWAN	02	9	32	4	1	5	1	13.9	22.4	12	00	9	30	3	0	0	—	19.4	+5.4	15.0	23	-9	11	-5	30	0	dr.	—	158
WESTERN DESERT	SIWA	03	8	28	3	2	8	5	21.1	21.0	57	00	7	00	0	0	0	—	23.5	+6.3	16.8	22	-4	7	-2	71	0	5	7	148
	BAHARIYA	01	9	32	1	1	4		18.6	20.0	32	00	9	32	1	0	0	—	—	—	11.2	24	—	5	—	59	0	7	—	149
	KHARGA	00	8	32	3	0	0	—	16.8	20.8	29	00	8	04	2	0	0	—	21.1	+6.1	14.2	21	-9	10	-2	55	0	4	—	151
	DAKHLA	00	8	28	3	0	0	—	18.6	20.0	25	00	7	24	1	0	0	—	21.6	+6.0	12.0	21	-9	7	-4	48	0	tr.	—	152
RED SEA	TOR	00	6	28	3	0	0	—	13.0	20.5	61	00	6	28	1	0	0	—	16.2	+2.2	15.9	20	-5	10	-4	63	0	3	13	145
	HURGHADA	00	9	30	6	0	0	—	13.0	20.0	32	01	8	30	4	1	4	8			17.0	21	-5	11	-2	54	0	8	—	146
	QUSEIR	00	8	32	3	0	0	—	13.1	19.3	46	02	8	28	2	1	5	1	16.7	+3.2	18.2	21	-5	13	-5	38	0	20	—	147
	PORT SUDAN																										0	82	95	169
NORTH SUDAN	WADI HALFA	01	7	30	4	1	4	3	15	22	19	02	8	30	3	1	7	2	20		14					39	0	dr.	—	165
	KAREIMA	00	7	32	4	0	3	1	12	27	09	00	8	02	4	0	3	4	17		18					20	0	0	1	168
	ATBARA	18	6	32	4	0	0	—	8	31	08	18	6	32	5	0	2	1	14		19					19	0	0	2	167
	KHARTUM																										0	tr.	4	168
	KASSALA	00	8	02	2	0	0	—	3	36	29	01	7	32	2	1	3	4	12		21					35	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	01	8	32	4	0	5	1	6	34	18	02	9	32	5	1	5		14		20					—	0	8	12	171
	DUEIM																										0	4	14	173
	RENK	00	9	28	3	0	0	—	4	38	20	00	9	30	4	0	0	—	13	—	23	—		—		15	—	—	49	182
	ROSEIRES	00	7	16	2	0	0	—	2	40	38	02	7	30	2	1	6	5	11		23					20	0	1	38	172
	EL OBEID	01	8	02	3	1	3	1	11	29	10	01	9	32	4	0	4.		14		18					17	0	6	16	174
	EL FASHER	02	8	32	3	1	7	2	—	31	28	02	8	32	3	1	5	4,5	—		16					42	0	5	6	175
	GENEINA	02	8	04	4	1	6	2	—	29	08	02	8	02	5	1	8	2	—		18					30	—	—	4	179
	KADUGLI	02	8	04	3	1	5			—	—	02	7	04	4	1	6	1	—		22					13	—	—	92	187
S. SUDAN	MALAKAL	01	7	04	4	1	3	1,4,8	4	37	13	81	6	02	6	1	5	4,5	11		25					18	dr.	52	92	176
	WAU	01	8	02	1	1	4	4	3	35	10	02	8	02	2	1	5	4,5	11		24					19	0	186	168	177
	JUBA	10	8	08	3	2	7	4,9	4	37	27	22	8	32	2	6	6	4,5,8	—		28					66	tr.	149	185	178

UPPER WINDS ON 25th ٢٥ مارس

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	8 h. 30 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.
				02 02 05		02 32 25	05 36 25		10 01 35		10 36 14	10 01 20	06 03 40	
				05 28 15		05 31 35	10 35 30	15 36 35	15 35 20		15 03 40	15 02 20	15 03 60	
				08 30 35		10 32 40	15 35 25	20 35 15	20 27 05		36 03 10	20 23 20		
				10 30 30		15 31 70	20 33 40	33 26 50	40 01 10		40 01 15	40 29 15		
				15 30 50		20 31 45	25 30 20	40 25 50			45 34 25			
						25 31 50		45 26 55 ?			50 34 25			
								50 27 75						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 24th	Diff. from normal	Wet bulb temp °C on 24th	Diff. from normal
Alexandria	60	-5	11.9	-1.9
Ezbekiya	66	+7	12.4	-1.2
Giza	65	+4	11.8	-1.7
Helwân	60	+15	10.6	-1.6

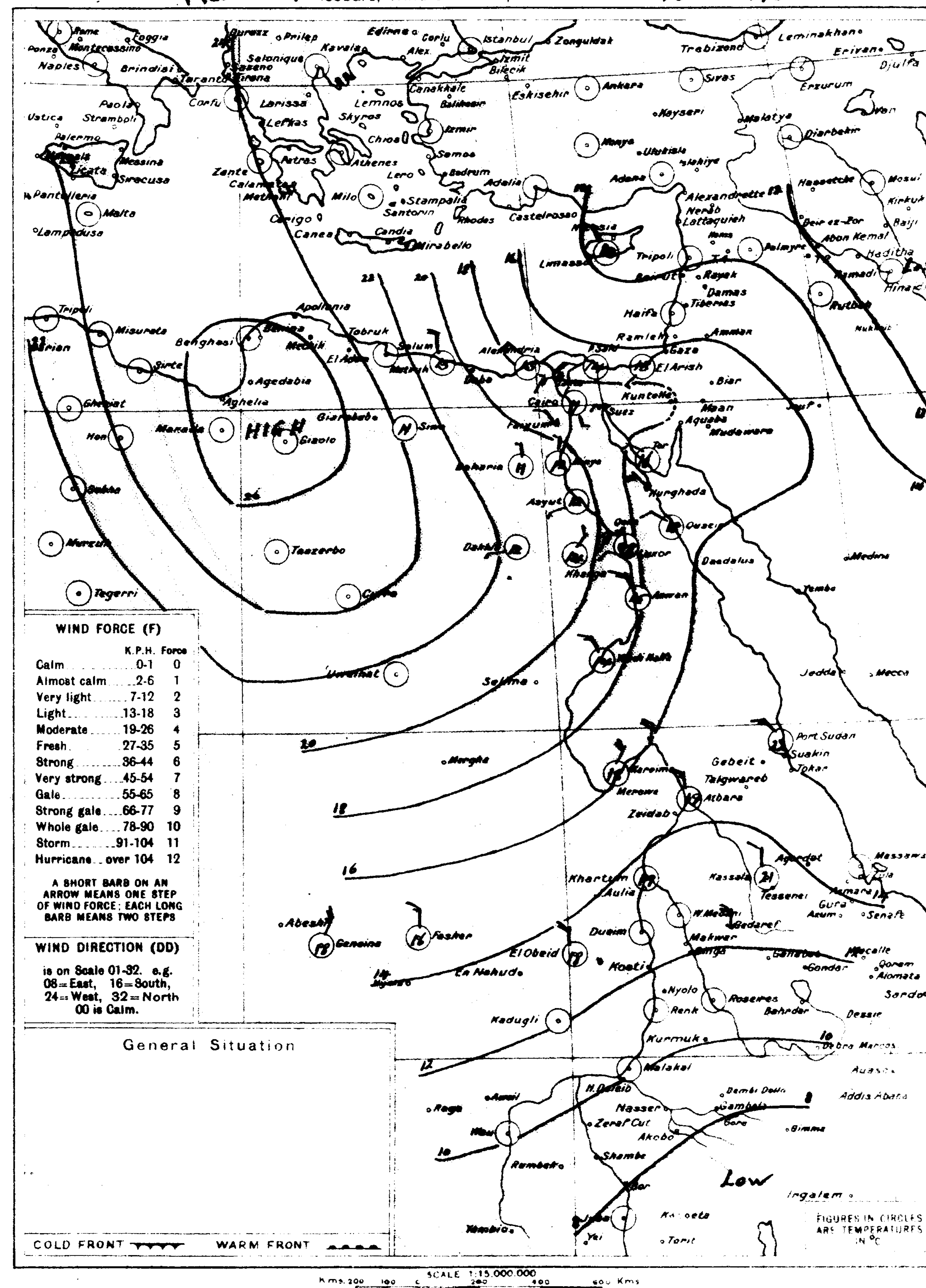
Gîza Grass minimum on 25th 2.6 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
25-3	810	810
24-3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.41	-0.85
Nasser				4.77	-0.27
Malakâl	25-3	9.84	-0.29	9.86	-0.27
Roseires		11.23	-0.13	11.24	-0.13
Sennâr Res				17.45	—
J. Aulia U.S				374.85	—
J. Aulia D.S				371.82	+0.84
Khartûm				10.56	+0.37
Kh. el Girba					
Atbara		10.49	+0.51	10.49	+0.50
Kajnarti				132.65	+0.54
Aswân Res.		119.60	—	119.58	—
Aswân D.S.		84.99	-0.67	84.99	-0.68
Rôda (Cairo)		15.77	+0.23	15.77	+0.22

٢٥-٣-١٩٤٥ Isobars, Wind and Temperature at 8 h. 25-3-1945



STATION محطة	At 8 h. on 25th: Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs ppp	Diff from normal mbs	Temperature Dry bulb °C TTT	Maximum Yesterday °C MM	Diff from norm. °C	Minimum Today °C mm	Diff from norm. °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1	Normal from Oct 1
N. Hamadi	01	8	00	0	1	4	4	19.9	—	12.5	21	—	8	—	69	0	16	—
Limassol	03	9	30	1	2	8	—	13.8	0.0	10	—	—	—	—	—	11	613	416
SHIPS سفن																		

Remarks
Wate Temp. River Nile Cairo 15.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)	
Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/354) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO

Time of Sunrise h. m. 05 52

Sunset 18 10

Month *March* 1945 ١٩٤٥ مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	14h. on 25 ٢٥ الساعة ١٤ يوم: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. TTT	% Humidity UU	8h. on Monday 26th الاثنين ٢٦ الساعة ٨: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs. mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																														
SALUM																														130
MATRUH	01	9	30	5	1	4	8	20.2	17.0	78	01	9	02	6	6	4	8	22.8	+6.8	14.6	17	-3	7	-5	61	4	101	154	131
DIKHEILA																														150
ALEXANDRIA	02	9	28	6	2	5	8	17.5	17.2	57	02	8	32	7	6	5	9	19.0	+3.6	13.4	19	-3	10	-4	50	14	254	179	132
DAMIETTA	01	8	28	4	1	4	8	15.6	16.6	55	01	8	20	5	6	4	7	16.2	—	11.9	18		9		87	2	100	100	159
PORT SAID	01	8	26	4	1	4	6	16.0	19.0	45	13	7	26	5	6	8	7	16.7	+2.2	12.0	20	-2	10	-4	82	2	82	71	134
EL ARISH	01	9	30	2	6	4	8	15.0	16.1	52	50	8	28	1	6	8	9	15.5	+0.1	11.9	17	-5	6	-5	83	8	240	83	135
LOWER EGYPT																														
DAMANHUR	01	7	24	5	5	4	8	16.4	18.0	41	01	6	20	3	6	3	8	18.2	+2.6	13.3	19	-6	9	-1	70	9	128	92	136
MANSURA	50	7	02	2	5	4	9	15.4	19.0	36	63	6	18	2	6	5	9	17.2	—	11.8	20	-5	9	-1	81	11	54	47	137
TANTA	02	7	24	4	5	5	8	16.3	19.0	48	01	8	24	4	6	4	8	18.7	+2.8	12.0	21	-4	8	-2	85	7	57	34	138
ZAGAZIG	02	6	32	3	1	4	8	16.8	17.4	68	01	7	20	3	1	4	8	18.6	+3.0	9.6	20	-5	9	-1	100	5	46	24	139
MIDDLE EGYPT — CAIRO																														
ALMAZA	02	7	27	3	1	5	8	17.6	18.7	25	22	7	21	2	8	8	5,7	20.3	—	10.0	20	—	9	—	89	4	51	—	141
EZBEKIYA	01	8	24	4	1	4	8	17.1	20.0	32	25	7	18	2	6	8	7	19.9	+4.0	10.6	21	-5	9	-2	89	5	46	22	—
GIZA	01	8	24	4	1	5	8	16.8	20.3	29	60	5	32	2	8	8	7	20.0	+3.7	11.4	21	-5	9	0	86	4	46	21	—
HELWAN	01	7	26	6	1	4	8	16.4	18.8	24	50	7	24	2	5	8	7	20.8	+5.2	8.9	19	-6	8	-4	100	3	54	24	143
SUEZ	02	9	26	2	2	6	8	16.3	19.7	37	03	8	30	2	2	8	5	19.4	+3.8	12.0	22	-3	11	-2	83	dr.	37	14	144
UPPER EGYPT																														
FAIYUM	02	8	32	5	2	6	9	17.9	18.9	40	13	8	32	3	2	8	7	22.3	+6.4	12.0	19	-8	9	-1	76	0	75	7	153
MINYA	02	8	28	4	2	6	8	17.8	20.9	30	00	9	28	1	0	0	—	22.3	+6.5	14.3	22	-5	8	-3	57	0	1	—	154
ASYUT	00	7	26	2	0	0	—	18.8	19.1	44	00	6	22	1	0	0	—	22.7	+7.4	13.7	21	-7	7	-5	59	0	14	4	155
QENA	00	8	26	4	1	0	—	16.4	22.6	26	00	7	26	2	0	0	—	21.8	+7.5	14.0	24	-8	8	-5	61	0	26	—	156
LUXOR	00	7	26	3	0	0	—	16.?	21.5	28	00	7	24	2	0	0	—	21.9	—	17.2	22	—	6	—	41	0	tr.	—	157
ASWAN	00	9	32	3	0	0	—	16.6	23.0	18	00	9	00	0	0	0	—	21.8	+7.8	16.6	23	-9	10	-6	37	0	dr.	—	158
WESTERN DESERT																														
SIWA	00	8	26	3	0	0	—	22.7	20.0	64	00	7	24	2	0	0	—	25.1	+8.0	12.0	21	-5	7	-2	76	0	5	7	148
BAHARIYA											00	9	32	1	0	0	—	23.4	+7.0	11.2	23		7		73	0	7	—	149
KHARGA	00	9	32	3	0	0	—	19.2	20.9	36	00	8	00	0	0	0	—	23.8	+8.8	14.6	21	-9	8	-4	52	0	4	—	151
DAKHLA	00	8	28	2	0	0	—	20.3	20.0	28	00	7	28	1	0	0	—	24.6	+9.1	12.0	21	-9	6	-6	48	0	tr.	—	152
RED SEA																														
TOR	00	6	28	1	0	0	—	15.9	20.5	58	00	6	28	1	0	0	—	20.0	+6.1	15.2	21	-4	10	-4	69	0	3	13	145
HURGHADA	00	9	30	4	0	0	—		20.0	47	00	9	30	3	0	0	—	20.7	+6.9	17.0	23	-4	10	-4	—	0	8	—	146
QUSEIR	01	8	32	2	1	3	1	15.1	19.8	54	00	8	24	3	0	0	—	18.8	+5.3	18.0	21	-5	14	-4	36	0	20	—	147
PORT SUDAN																										0	82	95	169
NORTHERN SUDAN																														
WADI HALFA	00	8	28	5	1	2	2	17	23	15	00	9	30	1	0	0	—	23		13					34	0	dr.	—	165
KAREIMA	01	8	04	5	1	4	4	13	26	06	01	7	04	5	1	3	2	20		16					28	0	0	1	166
ATBARA	05	6	28	4	0	0	—	10	28	08	05	7	08	5	1	3	2	17		19					28	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	28	3	0	3	1	5	35	29	01	8	32	2	1	5	4	13		24					54	0	9	8	170
CENTRAL SUDAN																														
WAD MEDANI											02	9	32	5	1	5	4	13		22					10	0	8	12	171
DUEIM																										0	4	14	173
SENNAR											01	9	32	3	1	4		15		23		—		—	15	—	—	49	182
ROSEIRES											03	7	32	2	1	6	6,4	13		25					09	0	1	38	172
EL OBEID	01	9	02	4	1	4	1,4	10	27	08	02	9	32	3	1	6	4,5	—		18					30	0	6	16	174
EL FASHER	02	8	32	3	1	5	2	—	27	33	02	8	02	3	1	6	2	—		16					42	0	5	6	175
GENEINA	01	8	04	4	1	3	2,4	—	29	09	00	8	02	4	0	3	1	—		18					17	—	—	4	179
KADUGLI											02	7	04	4	0	5	1	15		23					10	—	—	92	187
SOUTHERN SUDAN																														
MALAKAL											02	8	04	2	1	5	4	14		25					10	0	52	92	176
WAU											01	9	00	0	1	4	4	12		24					22	0	186	169	177
JUBA											02	8	00	0	2	7	4	14		26					70	0	149	186	178

UPPER WINDS ON 26th ٢٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 45 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 8 h. m.	KAREIMA 7 h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA 7 h. m.
				02 26 20		02 30 20	05 35 35	10 02 40	10 03 45		10 03 20	10 01 40	10 03 55	15 35 15
				05 28 35		05 32 30	10 35 30	15 02 34	15 01 30		15 02 35	15 02 50	15 04 50	
				08 30 50		10 32 30	15 36 30	20 05 40	20 02 25	20 11? 15	20 04 40	20 03 10	20 06 30	33 05 35
				10 30 55		20 32 45	20 35 30	35 31 45	30 30 35	35 29 30	35 36 05	35 30 55		40 08 20
				15 31 60		25 32 50		40 30 55	40 29 15	40 30 25	40 32 10	40 28 20		
				18 30 70								45 26 10		
												50 23 05		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day — Humidity % on 25th	Diff. from normal	Wet Bulb Temp. °C on 25th	Diff. from normal
Alexandria	57	-8	11.8	-2.0
Ezbekiya	57	-2	10.7	-3.0
Giza	63	+2	11.1	-2.5
Helwan	54	+9	9.3	-2.9

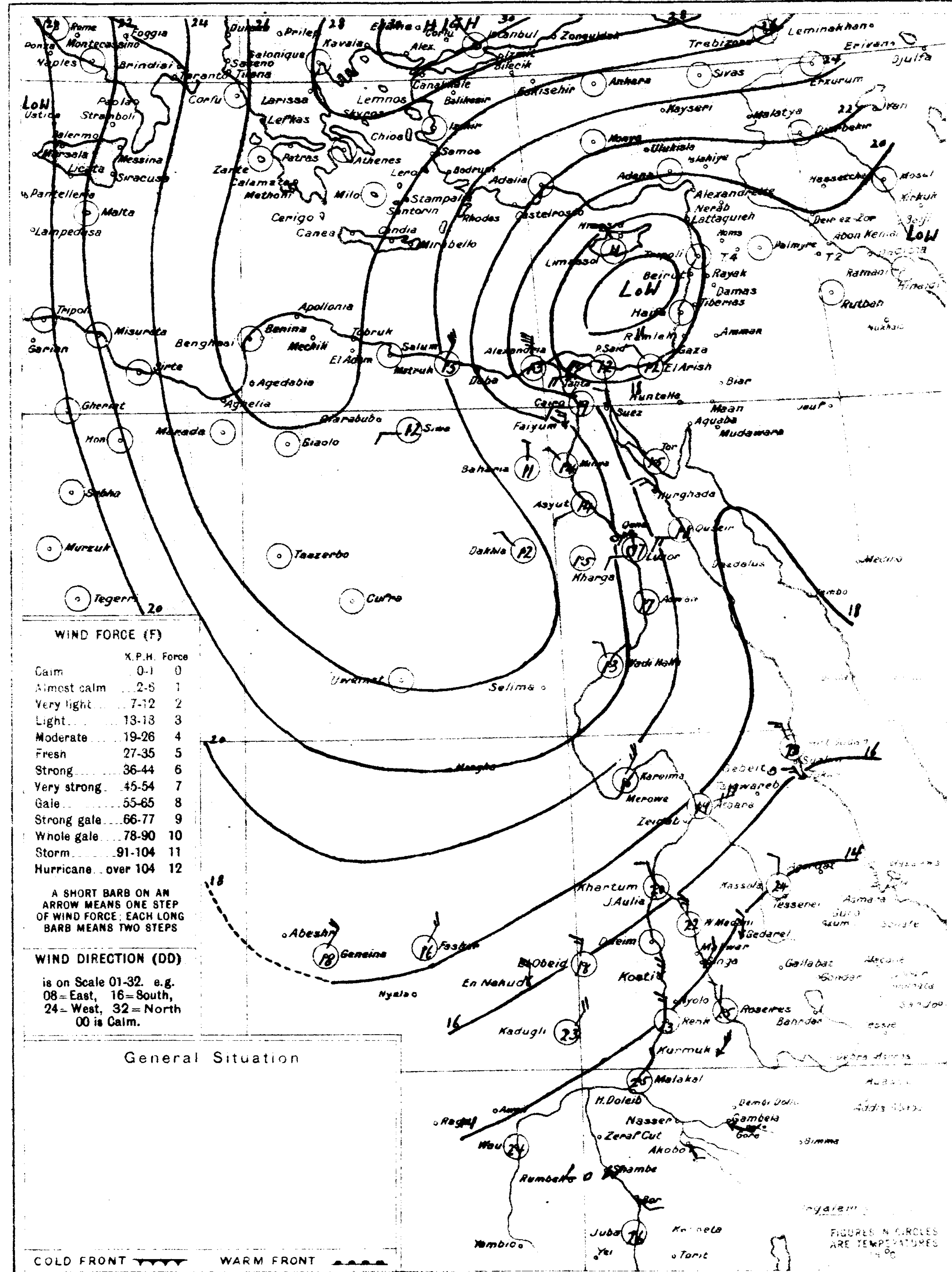
Giza Grass minimum on 26th 4.7 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
26-3	810	810
25-3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26-3				
Nâsser				4.75	-0.29
Malakâl		9.84	-0.28	9.84	-0.29
Roseires		11.22	-0.14	11.23	-0.13
Sennâr Res.				17.34	—
J. Aulia U.S				374.14	—
J. Aulia D.S				371.84	+0.86
Khartûm				10.55	+0.36
Kh. el Girba					
'Atbara		10.48	+0.51	10.49	+0.51
Kajnarti				132.65	+0.56
Aswân Res.		119.62	—	119.60	—
Aswân D.S.		84.98	-0.67	84.99	-0.67
Rôda (Cairo)		15.77	+0.23	15.77	+0.23

Isobars, Wind and Temperature at 8 h. 26-3-45 ٢٦-٣-٤٥



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

STATION سطح	At 8 h. on 26th الساعة ٨ يوم ٢٦: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs. mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
N. Hamadi	00	8	00	0	0	0	—	22.4	—	14.8	20	—	7	—	52	0	16	—
Limassol	02	8	30	5	1	7	—	17.2	+3.6	11	—	—	—	—	—	4	617	417
SHIPS سفن																		

REMARKS

Water Temp. River Nile Cairo 16.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Squalls	
Slight Duststorm	13
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Showers	80-89

PAST WEATHER (W)

Clear or light cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm or Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	7
50	8
Visible over 50 Kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 05h 51m
Sunset 18 10

Month *March* 1945 ١٩٤٥ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 26th — الساعة ١٤ يوم ٢٦ | At 8 h. on Tuesday 27th — الساعة ٨ الثلاثاء ٢٧

Region	Station	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALUM																													130
	MATRUH	01	9	32	3	1	3	8	24.2	16.2	58	01	9	00	0	1	4	8	27.9	+11.9	15.6	16	-5	13	+1	64	0	101	154	131
	DIKHEILA																													150
	ALEXANDRIA	02	9	30	2	2	5	9	21.8	15.2	61	01	9	00	0	2	4	8	27.2	+11.8	15.0	18	-4	10	-4	49	dr.	254	180	132
	DAMIETTA	01	8	02	3	6	4	8	18.6	15.0	76	00	8	32	3	1	2	8	24.4	—	15.1	16		11		59	dr.	100	100	159
	PORT SAID	01	8	02	3	6	4	6	18.8	15.0	66	01	8	28	4	1	4	8	25.8	+11.4	16.4	17	-5	10	-4	65	1	83	71	134
	EL ARISH	01	8	30	1	6	4	9	20.2	15.8	63	01	9	20	1	6	4	8	25.5	+10.2	15.3	18	-4	9	-2	73	8	248	83	135
LOWER EGYPT	DAMANHUR	01	7	28	4	2	4	8	20.4	16.6	46	01	6	32	3	1	4	8	26.4	+10.9	13.3	17	-8	7	-3	72	0	128	92	136
	MANSURA	61	7	32	3	6	4	9	19.4	16.4	54	01	7	32	1	1	3	8	26.4	—	13.8	17	-8	8	-3	63	2	61	47	137
	TANTA	21	8	28	6	6	4	8	20.0	17.0	52	00	8	00	0	0	0	—	27.1	+11.3	12.5	18	-8	5	-5	77	1	58	34	138
	ZAGAZIG	00	6	28	2	0	2	6	20.3	16.8	68	00	8	32	2	0	0	—	27.1	+11.5	16.5	17	-9	6	-4	68	0	46	24	139
MIDDLE EGYPT (CAIRO)	ALMAZA	01	7	30	2	8	5	8	20.7	16.0	59	00	7	00	0	0	1	4	25.8	—	12.8	17		10		69	tr.	52	—	141
	EZBEKIYA	01	8	30	3	5	5	8	20.4	18.0	51	05	5	00	0	0	3	5	26.8	+10.9	11.8	19	-7	7	-4	76	dr.	46	22	—
	GIZA	02	8	28	3	5	5	8	20.6	16.7	44	05	6	02	1	0	3	5	27.1	+10.9	11.5	18	-8	5	-4	81	dr.	46	21	
	HELWAN	13	8	26	6	5	5	9	20.3	16.0	42	09	5	00	0	0	1	4	27.0	+11.5	10.2	17	-8	7	-5	83	dr.	54	24	143
	SUEZ	03	8	30	2	5	8	8	19.6	15.8	51	00	9	32	2	0	0	—	26.2	+10.6	13.7	18	-7	9	-4	72	dr.	37	14	144
UPPER EGYPT	FAIYUM	02	8	32	4	5	5	9	20.7	18.2	33	00	8	30	2	0	0	—	27.2	+11.3	12.2	19	-8	6	-5	70	tr.	75	7	153
	MINYA	02	8	28	3	2	5	8	20.8	20.9	35	00	8	32	2	0	0	—	26.8	+11.1	11.6	22	-6	6	-5	70	dr.	1		154
	ASYUT	01	7	22	3	1	4	8	20.8	21.1	34	00	7	22	1	0	0	—	26.7	+11.4	12.0	22	-7	6	-6	65	0	14	4	155
	QENA	01	8	26	4	0	3	1	20.0	23.6	28	04	7	26	2	1	0	—	24.8	+10.5	14.8	24	-9	7	-6	56	0	20		156
	LUXOR	00	7	30	3	0	0	—	21.1	21.5	32	00	7	14	1	0	0	—	25.0	—	17.0	23		6		43	0	tr.		157
	ASWAN	00	9	32	3	0	0	—	19.2	24.0	26	00	9	32	4	0	0	—	24.2	+10.3	14.0	24	-9	11	-5	31	0	dr.	—	158
WESTERN DESERT	SIWA	00	8	28	3	0	0	—	23.9?	21.8	30	00	7	00	0	0	0	—	28.0	+11.0	11.7	24	-3	6	-3	57	0	5	7	148
	BAHARIYA	01	9	32	1	1	4		22.6	19.5	35	00	9	00	0	0	0	—	—		11.5	21		7?		70	0	7		149
	KHARGA	00	8	28	4	0	0	—	21.8	22.3	16	00	9	32	2	0	0	—	26.2	+11.3	14.4	23	-8	11?	-1	47	0	4	—	151
	DAKHLA	00	8	28	2	0	0	—	22.8	21.0	23	00	7	08	2	0	0	—	26.6	+11.2	13.0	23	-8	9	-3	45	0	tr.		152
RED SEA	TOR	02	6	28	3	0	8	1	19.9	19.8	64	00	6	28	3	0	0	—	22.8	+9.0	16.2	20	-5	10	-4	66	0	3	13	145
	HURGHADA	01	8	30	4	1	4	8	18.8	20.5	37	01	8	30	4	1	4	8	24.4	+10.7	15					49	0	8	—	146
	QUSEIR	00	8	32	2	0	0	—	18.3	19.4	51	00	8	28	3	0	0	—	22.6	+9.2	16.6	23	-3	13	-5	46	0	20	—	147
	PORT SUDAN																										0	82	95	169
NORTH SUDAN	WADI HALFA	00	9	30	4	0	0	—	20.	23	15	00	8	30	4	0	0	—	24		17					28	0	dr.	—	165
	KAREIMA	01	8	04	4	0	3	2	16	27	08	00	8	04	4	0	2	1	21		17					18	0	0	1	166
	ATBARA	01	7	32	4	1	4	2,4	12	29	08	00	6	32	5	0	1	4	18		18					26	0	0	2	167
	KHARTUM																										0	tr.	4	168
	KASSALA	01	8	26	3	1	4	4,5	7	33	26	01	8	32	4	1	3		14		23					57	0	9	8	170
CENTRAL SUDAN	WAD MEDANI	01	8	32	3	1	4	1	10	32	06	02	9	02	5	1	5	4	16		22					13	0	8	12	171
	DUEIM																										0	4	14	173
	RENK	02	9	32	3	1	8	8	—	29	12	01	9	32	4	1	4	4	12		26					06	—	—	49	182
	ROSEIRES	02	7	16	2	1	6	4	9	29	12	02	7	32	2	1	6	4	12		25					14	0	1	38	172
	EL OBEID	02	9	02	3	1	5	4	12	28	13	00	9	02	4	1	3	4	18		19					30	0	6	66	174
	EL FASHER											00	8	30	3	0	0	—	—		17					37	0	5	6	175
	GENEINA											00	8	02	5	0	0	—	—		18					13	—	—	4	179
	KADUGLI	01	8	32	4	1	4	1	10	33	10	00	8	02	4	0	1	1	15		23					10	—	—	92	187
S. SUDAN	MALAKAL	01	7	02	5	1	4	4	9	34	07	01	8	32	6	1	4	4	13		26					12	0	52	92	176
	WAU	01	8	04	1	1	5	4	9	34	09	01	8	02	2	1	3	1,4	14		23					14	0	186	170	177
	JUBA	02	8	08	3	1	5	4,8	11	33	26	01	8	30	1	1	3	4	13		28					27	0	149	187	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 27th ٢٧

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 45 m.	Cairo 9 h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	Geneina 7 h. m.	Fasher 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA 7 h. m.
				02 34 05	02 36 10	02 01 15	02 35 35	10 02 55	10 05 45	10 04 40	10 63 30	10 03 55		10 29 10
				05 36 30	05 01 25	05 02 35	05 34 40	15 36 40	15 06 45	15 05 50	15 06 10	15 02 45	10 03 80	15 31 15
				08 01 25	08 02 30	10 36 40	10 35 25	20 31 15	20 03 05	20 08 10	20 30 05	20 07 15	15 05 50	
				10 02 25	10 02 35	15 36 60	15 35 50	35 28 40	35 31 15	33 30 15	35 21 20	35 33 70	20 09 20	
				15 03 30	15 02 25	20 34 50	20 35 50	40 31 40	40 26 15	40 25 15	40 20 10			
				20 02 25	20 03 30	25 33 50		45 32 45	45 27 15		45 27 25			
				23 36 30	21 02 25	30 31 55		50 19? 40	50 23 20		50 27 40			
				25 35 40					60 24 35					
				28 36 45										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 26th	Diff. from normal	Wet Bulb Temp °C on 26th	Diff. from normal
Alexandria	47	-18	10.0	-3.8
Ezbekiya	73	+15	10.8	-2.9
Giza	79	+18	10.3	-3.4
Helwan	72	+28	9.3	-3.0

Giza Grass minimum on 27th 1.8 °C

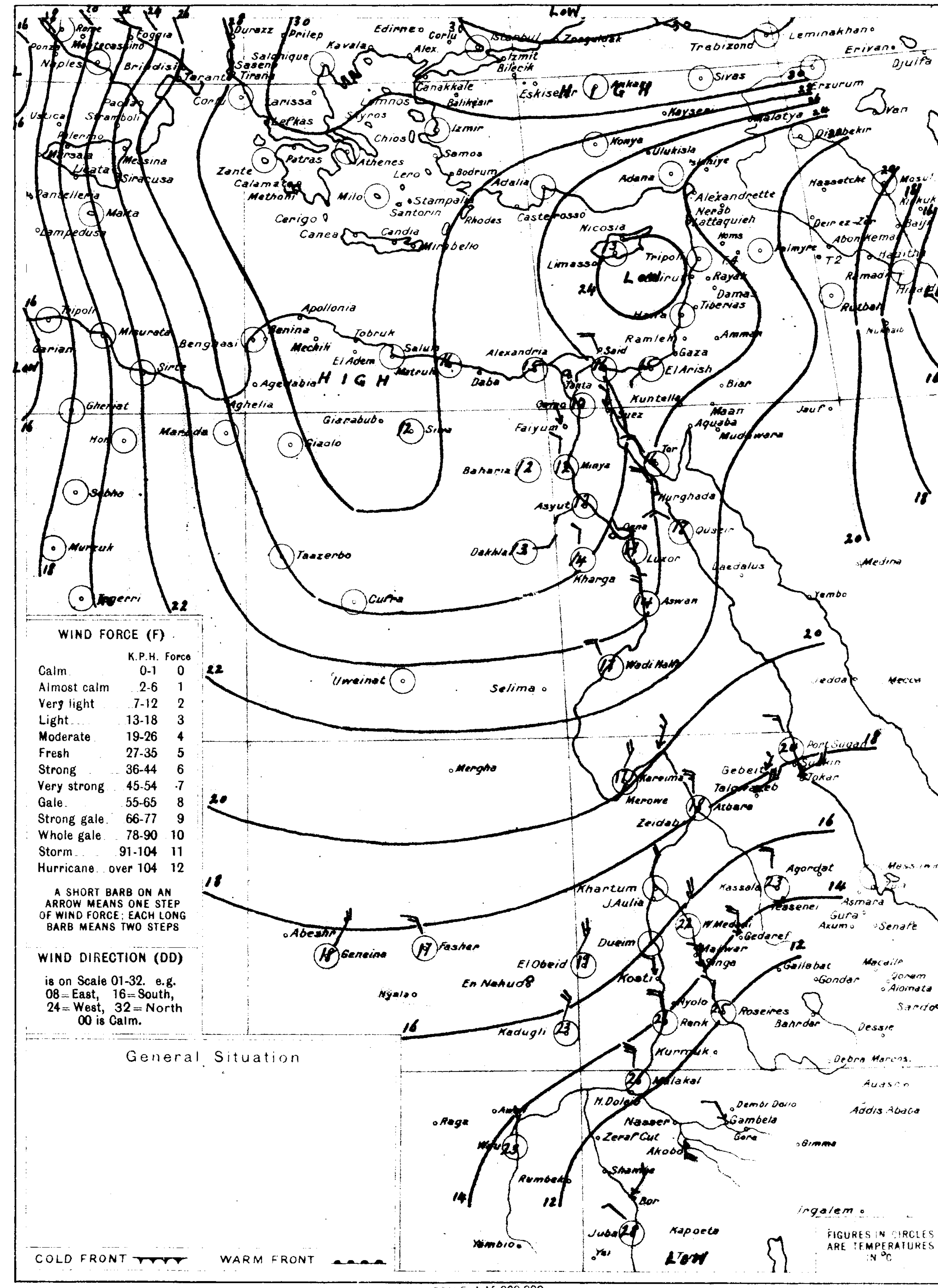
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
27-3	810	810
26-3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	27-3			12.41	-0.85
Nasser				4.74	-0.31
Malakal		9.83	-0.29	9.84	-0.28
Roseires		11.21	-0.15	11.22	-0.14
Sennar Res.				17.26	—
J. Aulia U.S				374.66	+0.85
J. Aulia D.S				371.82	+0.85
Khartum				10.52	+0.33
Kh. el Girba					
Atbara		10.47	+0.51	10.48	+0.51
Kajnarti				132.63	+0.57
Aswan Res.		119.64	—	119.62	—
Aswan D.S.		84.98	-0.66	84.98	-0.67
Roda (Cairo)		15.77	+0.23	15.77	+0.23

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

٢٧-٣-٤٥ Isobars, Wind and Temperature at 8 h. 27-3-45



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

At 8 h. on 27th — الساعة ٨ يوم ٢٧

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	0	—	25.8	—	12.7	21	—	5	—	52	0	16	—
Limassol	00	9	00	0	0	0	—	23.6	+10.0	13	—	—	—	—	—	0	617	418
SHIPS سفن																		

Remarks
Water Temp.
River Nile Cairo
15.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	93-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST-WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 05h 49m
Sunset 18 11

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month: MARCH, 1945 — ١٩٤٥ شهر مارس

At 14h on 27th (الساعة ١٤ يوم ٢٧) — At 8h on WEDNESDAY, 28th (الساعة ٨ يوم الأربعاء ٢٨)

Station	27th 14h Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs	Temp.	Humidity	28th 8h Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity	Rain past 24 hrs	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station number
SALUM																													130
MATRUH	00	9	04	1	0	0	—	28.2	16.4	66	00	9	08	1	1	3	8	27.4	+11.5	15.2	16	-5	7	-5	65	0	101	154	131
DIKHEILA																												—	150
ALEXANDRIA	01	9	28	2	2	4	4	28.6	17.2	41	01	9	00	0	2	4	4	27.6	+12.3	16.4	20	-2	12	-2	52	0	254	180	132
DAMIETTA	01	8	30	4	1	4	8	26.6	16.1	56	01	8	20	1	1	5	8	27.0	—	14.0	17	–	7	–	77	0	100	100	159
PORT SAID	00	8	30	4	1	3	8	26.6	19.4	50	01	8	24	3	1	5	6	26.8	+12.4	14.6	21	-1	10	-4	74	0	83	71	134
EL ARISH	01	9	30	2	1	3	8	24.0	17.1	57	01	9	20	1	1	4	8	—	—	15.3	19	-3	9	-2	63	0	248	84	135
DAMANHUR	01	7	32	3	1	3	8	27.1	18.0	39	00	6	32	2	0	0	—	27.1	+11.7	13.3	19	-6	7	-3	67	0	128	93	136
MANSURA	01	8	02	2	1	4	8	26.8	19.8	41	01	7	24	2	1	4	9	27.6	—	13.0	21	-4	7	-4	72	0	61	47	137
TANTA	01	8	28	1	1	4	8	26.7	20.2	40	00	8	00	0	0	0	—	27.9	+12.1	13.0	21	-5	5	-5	66	0	58	34	138
ZAGAZIG	00	7	28	3	0	3	6	26.7	20.0	47	00	7	28	2	0	0	—	28.7	+13.2	16.7	21	-5	6	-4	66	0	46	24	139
CAIRO: ALMAZA	01	7	04	3	1	4	8	26.2	19.0	41	00	5	00	0	0	0	—	27.1	—	12.0	20	—	7	—	74	0	52	—	141
CAIRO: EZBEKIYA	01	8	28	2	1	5	8	26.4	19.7	39	09	5	04	1	0	0	—	27.9	+12.1	11.9	21	-5	7	-5	72	0	46	22	—
CAIRO: GIZA	02	8	30	2	1	5	8	26.2	19.6	34	09	6	02	1	0	0	—	27.8	+11.6	11.3	20	-6	4	-5	76	0	46	21	—
HELWAN	01	8	30	4	1	5	8	25.8	17.8	31	05	6	00	0	0	0	—	27.9	+12.4	12.0	19	-7	7	-5	65	0	54	24	143
SUEZ	02	8	02	1	2	5	8	25.1	18.6	45	00	9	32	1	0	0	—	27.2	+11.7	13.8	20	-5	7	-6	66	0	37	14	144
FAIYUM	02	8	02	3	2	5	8	26.2	19.3	34	00	8	32	3	0	0	—	27.8	+12.0	13.0	20	-7	6	-5	63	0	75	7	153
MINYA	00	9	30	3	1	0	—	25.5	20.6	30	00	9	30	2	0	0	—	26.7	+11.1	12.7	21	-7	7	-4	66	0	1	—	154
ASYUT	00	8	30	2	0	0	—	24.3	19.4	34	00	7	22	1	0	0	—	26.0	+10.8	12.5	22	-7	6	-6	63	0	14	4	155
QENA											00	7	24	2	0	0	—	23.9	+9.7	16.1	26	-7	9	-4	52	0	20	—	156
LUXOR	00	7	32	2	0	0	—	21.8	23.0	18	00	7	26	2	0	0	—	24.4	—	15.5	25	—	7	—	45	0	tr.	—	157
ASWAN	00	9	32	4	0	0	—	20.8	23.0	28	00	9	32	1	0	0	—	23.2	+9.4	14.7	23	-10	10	-6	37	0	dr.	—	158
SIWA	00	8	00	0	0	0	—	27.5	21.8	40	00	7	00	0	0	0	—	27.5	+10.5	12.0	23	-4	7	-3	65	0	5	7	148
BAHARIYA	00	9	00	0	0	0	—	25.4	20.0	32	00	9	00	0	0	0	—	—	—	12.4	22		6		61	0	7		149
KHARGA	00	9	32	2	0	0	—	23.6	20.3	19	00	9	32	3	0	0	—	24.0	+9.1	14.0	21	-10	10	-2	46	0	4	—	151
DAKHLA	00	8	32	2	0	0	—	25.0	20.8	25	00	7	28	1	0	0	—	25.9	+10.6	14.5	21	-10	9	-3	43	0	tr.		152
TOR	00	6	28	3	0	0	—	22.0	18.2	68	00	6	28	1	0	0	—	23.4	+9.7	16.5	20	-6	13	-1	60	0	3	13	145
HURGHADA	00	9	02	4	0	0	—	22.1	19.0	46	01	8	30	4	1	4	8	23.1	+9.4	16.2	22	-5	11	-3	49	0	8	—	146
QUSEIR	00	8	32	4	0	0	—	22.0	19.2	56	00	8	32	5	0	0	—	22.2	+8.8	18.2	20	-6	16	-2	57	0	20	—	147
PORT SUDAN																										0	82	95	169
WADI HALFA	00	9	30	5	0	0	—	21	23	10	00	9	30	2	0	0	—	22		13					24	0	dr.	—	165
KAREIMA	00	8	04	4	0	0	—	17	27	13	00	8	04	5	0	0	—	20		17					14	0	0	1	166
ATBARA	00	7	04	4	0	0	—	14	29	10	00	7	04	4	0	1	4	16		19					28	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	01	8	28	3	1	4	4	9	34	29	00	8	04	4	0	0	—	14		23					53	0	9	8	170
WAD MEDANI	01	8	32	4	1	3	1	11	33	10	00	9	02	5	0	0	—	15		21					11	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	30	3	0	0	—	10	34	09	00	9	32	3	0	0	—	14		24					13	—	—	49	182
ROSEIRES	00	7	28	2	0	0	—	7	29	23	00	7	02	2	0	0	—	11		26					21	0	1	38	172
EL OBEID	00	9	02	3	0	0	—	12	29	08	00	9	02	4	0	0	—	16		19					28	0	6	16	174
EL FASHER	00	8	04	3	0	0	—	—	28	28	00	8	32	2	0	0	—	—		15					42	0	5	6	175
GENEINA	00	8	02	4	0	0	—	—	31	05	00	8	02	4	0	0	—	—		18					17	—	—	4	179
KADUGLI	00	8	04	4	0	0	—	10	34	05	00	8	04	3	0	0	—	14		24					13	—	—	92	187
MALAKAL	02	8	02	4	1	7	4	8	36	12	01	7	02	3	1	4	4	12		26					15	0	52	93	176
WAU	00	8	06	1	1	2	4	9	35	10	00	8	02	2	0	2	1	11		25					19	0	186	171	177
JUBA	00	8	06	3	0	3	1	9	37	17	25	8	00	0	8	5	6,4	11		27					28	tr.	149	188	178

UPPER WINDS ON 28th ٢٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	FASHER	ASYUT	ASWAN	WADI HALFA	KAREIMA	GENEINA	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	8h 30m	7h m	7h m	7h m	7h m	7h m	7h m	7h m	7h m	7h m	7h m
				02 03 10	10 01 35	02 02 25	02 36 20	10 04 40	10 04 60	10 04 45	10 05 20	10 03 60	10 02 55	10 04 35
				05 04 15	15 04 35	05 02 35	05 03 30	15 02 40	15 03 30	15 06 55	15 06 15	15 04 55	15 06 60	15 06 30
				08 05 20	20 06 30	10 02 40	10 04 40	20 02 45	20 36 30	20 04 20	20 31 10	20 04 35	20 05 70	20 05 20
				10 04 30	40 32 05	15 03 45	15 01 30	40 33 40	30 32 15	40 32 15		30 04 05	27 05 45	
				15 02 25	45 24 15	20 03 50	20 02 40	45 33 35	40 33 30	45 25 35				
				20 01 30	50 15 25	25 36 45	25 01 35	50 34 40	42 32 30	50 23 30				
				23 36 30		30 35 60		57 35 30		57 25 30				
				25 02 40										
				30 01 60										
				37 02 75										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

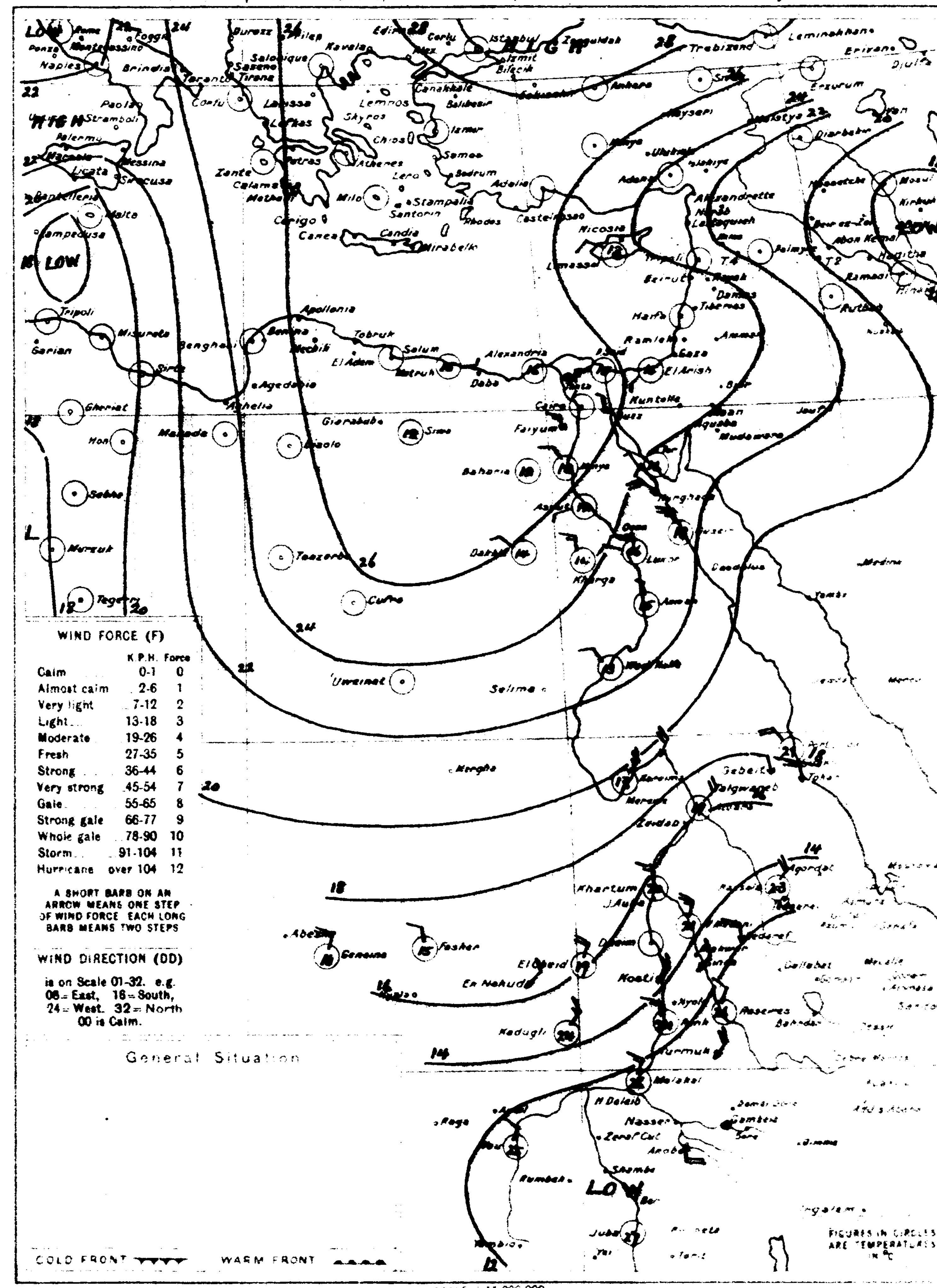
Station	Mean of day: Humidity % on 27th	Diff. from normal	Wet bulb temp. on 27th	Diff. from normal
Alexandria	47	-18	10.3	-3.6
Ezbekiya	65	+7	11.0	-2.8
Giza	67	+7	10.9	-2.9
Helwan	60	+16	9.7	-2.6
Giza Grass minimum on	27th		0.9 °C	

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
28 – 3	810	810
27 – 3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				12.40	-0.87
Nasser					
Malakal				9.63	-0.29
Roseires		11.20	-0.16	11.21	-0.15
Sennar Res				17.17	—
J. Aulia U.S				374.60	—
J. Aulia D.S				371.80	+0.84
Khartum				10.51	+0.31
Kh. el Girba					
Atbara		10.47	+0.52	10.47	+0.51
Kajnarti				132.63	+0.60
Aswan Res.		119.64	—	119.64	—
Aswan D.S.		84.98	-0.66	84.98	-0.66
Roda (Cairo)		15.75	+0.22	15.77	+0.23

Isobars, Wind and Temperature at 8 h 28-3-1945 — ٢٨-٣-١٩٤٥



SCALE 1:15 000 000

Station	At 8h on 28th ٢٨ Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity	Rain past 24 hrs	Total from Oct. 1	Normal from Oct. 1
N. Hamadi	00	8	28	1	0	0	—	23.9	—	13.2	23	—	8	—	57	0	16	—
Limassol	00	9	26	2	0	1	—	24.0	+10.4	13	—	—	—	—	—	0	617	419
SHIPS سفن																		

Remarks
Water Temp. River Nile Cairo 15.9 °C.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME.

PRESENT WEATHER ww
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10
[illegible]
Dust storm 30-34
Fog or Thick Haze 41-45
Thick Fog 47
Fog in patches 49
Drizzle 50-59
Rain 60-66
Rain and Fog 67
Rain and Snow 68-69
Snow 70-79
[illegible]

PAST WEATHER W
[illegible]

CLOUD AMOUNT (N)
Clear
Trace
1 Tenth 2
[illegible]
9 Tenths
Overcast
Fog or Dust

CLOUD FORM (C)
Cirrus
Cirro-cumulus
Cirro-stratus
[illegible]
Nimbo-stratus
Cumulus
Cumulo-nimbus
Stratus

CAIRO

Time of Sunrise h m 05 48

Sunset 18 12

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month MARCH, 1945 ١٩٤٥ شهر مارس

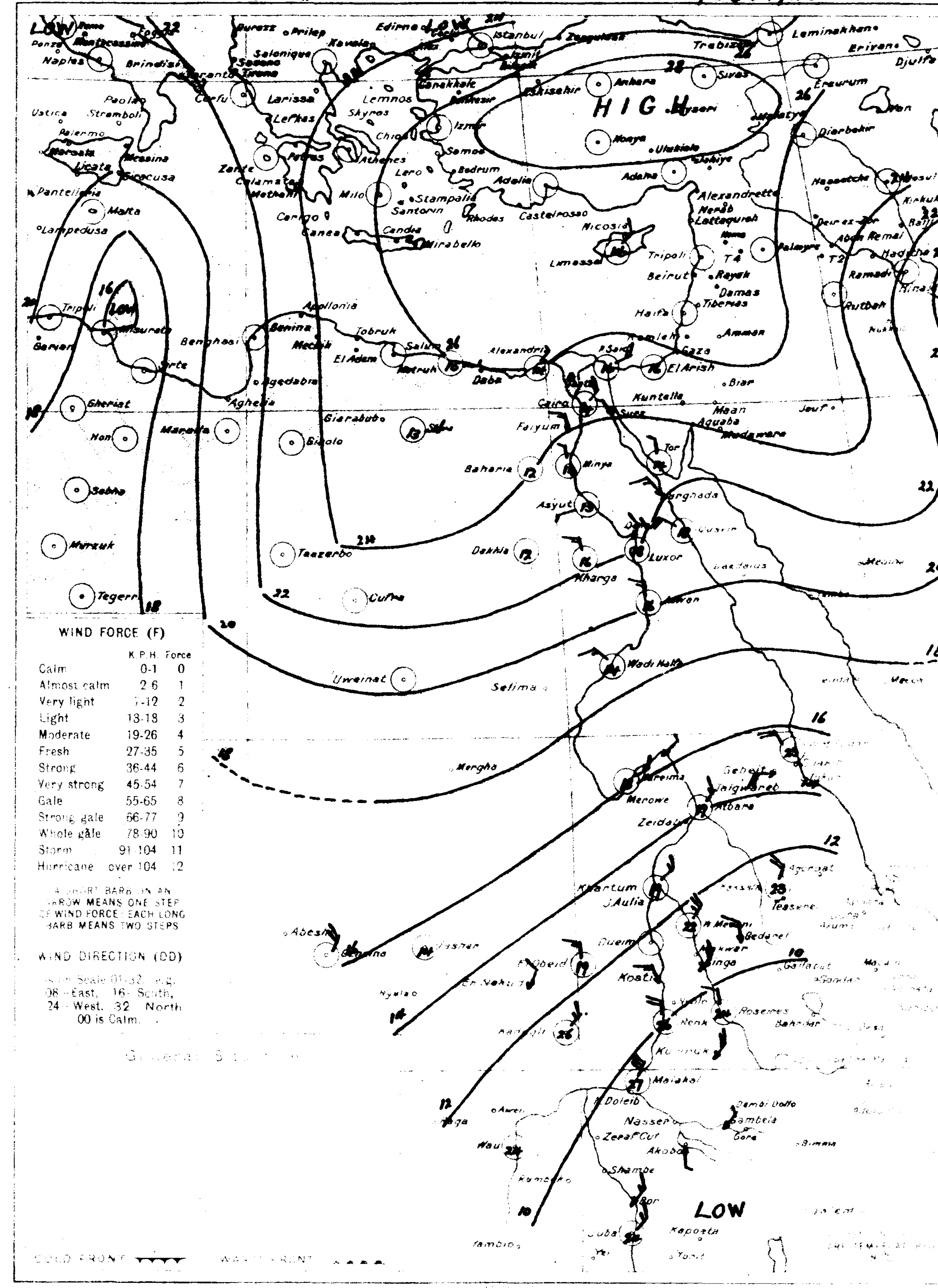
STATION	14h 28th: Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	8h Thursday 29th: Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry bulb °C TTT	Max. yesterday °C	Diff. from norm °C	Min. today °C	Diff. from norm °C	Humidity	Rainfall past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
SALUM																													130
MATRUH	00	9	28	1	0	0	—	27.2	17.0	84	01	9	08	1	1	5	8	25.5	+9.6	14.7	19	-2	8	-4	82	0	101	155	131
DIKHEILA																													150
ALEXANDRIA	00	9	03	1	0	0	—	27.2	17.0	52	01	9	04	1	2	4	4	26.3	+11.1	14.4	19	-3	14	0	74	0	264	180	132
DAMIETTA	00	8	28	2	1	0	—	26.3	16.9	62	01	8	08	2	1	4	8	26.0	—	16.8	18		10		67	0	100	101	159
PORT SAID	00	8	32	3	0	0	—	26.4	19.2	53	01	8	06	3	1	4	8	25.8	+11.5	16.0	20	-2	13	-1	63	0	83	72	134
EL ARISH	01	9	30	2	1	3	8	26.0	17.0	48	00	9	00	0	0	0	—	25.9	+10.8	16.0	18	-4	6	-5	66	0	248	84	135
DAMANHUR	01	7	32	3	1	3	8	26.6	19.6	49	00	6	08	3	0	0	—	25.9	+10.5	13.6	21	-4	9	-1	82	0	128	93	136
MANSURA	01	8	02	2	1	3	8	26.2	20.2	45	00	8	04	2	0	0	—	26.0	—	15.8	23	-2	9	-2	73	0	61	47	137
TANTA	00	8	28	1	0	0	—	25.9	21.0	41	00	8	00	0	0	0	—	25.9	+10.2	14.0	23	-3	5	-5	78	0	58	34	138
ZAGAZIG	00	7	32	2	0	0	—	26.2	19.0	58	00	7	08	2	0	0	—	25.8	+10.3	15.0	21	-5	7	-3	78	0	46	24	139
EL ALMAZA	00	7	06	2	0	0	—	25.5	20.0	44	00	8	06	4	0	0	—	25.2	—	13.8	21		10		69	0	52		141
EZBEKIYA	00	8	02	3	0	0	—	25.6	20.9	40	05	6	02	3	0	3	1	25.1	+9.3	14.3	22	-4	8	-4	68	0	46	22	
GIZA	00	8	32	2	0	0	—	25.1	20.2	39	05	5	04	2	0	3	1	25.1	+8.9	14.7	21	-5	6	-3	67	0	46	21	
HELWAN	00	9	04	3	0	0	—	24.7	20.1	27	05	6	04	4	0	3	1	24.7	+9.3	13.9	21	-5	10	-2	58	0	54	24	143
SUEZ	00	9	02	1	0	0	—	25.0	18.8	41	00	9	30	1	0	0	—	24.8	+9.3	16.3	20	-6	8	-5	60	0	37	14	144
FAYUM	00	8	20	3	0	0	—	25.1	21.2	25	02	8	32	3	2	5	2	24.4	+8.6	13.8	22	-5	9	-2	63	0	75	7	153
MINYA	00	9	30	3	0	0	—	23.9	22.9	27	01	8	32	1	1	3	2	23.1	+7.5	14.2	23	-5	7	-4	58	0	1		154
ASYUT	00	8	30	1	0	0	—	22.8	22.7	24	00	7	22	1	0	0	—	22.7	+7.6	13.1	25	-4	6	-6	56	0	14	4	155
QENA	00	9	22	2	0	0	—	21.2	24.8	29	01	7	02	2	0	4	1	22.2	+8.1	17.8	28	-5	12	-1	37	0	20		156
LUXOR	00	7	04	2	0	0	—	21.0	25.8	19	00	7	42	2	0	0	—	22.3	—	18.0	27		8		36	0	tr.		157
ASWAN	00	9	04	2	0	0	—	18.8	25.4	15	00	9	32	3	0	0	—	20.8	+7.1	15.7	26	-7	11	-5	34	0	dr.	—	158
SIWA	00	8	28	2	0	0	—	26.3	22.8	39	03	7	08	3	2	8	2	25.1	+8.2	12.8	24	-3	8	-2	80	0	5	7	148
BAHARIYA	00	9	32	1	0	0	—	—	18.2	43	00	9	00	0	0	0	—	24.0	+7.7	12.5	21		9		71	0	7		149
KHARGA	00	9	32	4	0	0	—	21.8	23.2	14	00	9	32	3	0	0	—	21.6?	+6.8	16.3	24	-7	11	-2	31	0	4	—	151
DAKHLA	00	8	04	2	0	0	—	23.1	23.0	21	00	7	00	0	0	0	—	22.6	+7.3	11.5	24	-7	7	-5	53	0	tr.		152
TOR	00	6	28	2	0	0	—	22.0	19.1	73	00	6	32	1	0	0	—	23.5	+9.9	14.3	19	-7	8	-6	65	0	3	18	145
HURGHADA	00	9	02	4	0	0	—	22.2	20.2	34	01	8	30	3	1	4	8	22.7	+9.1	17.0	21	-6	10	-4	52	0	8	—	146
QUSEIR	00	8	32	5	0	0	—	22.3	20.4	63	00	8	28	4	0	0	—	21.5	+8.2	18.4	21	-5	16	-2	55	0	20	—	147
PORT SUDAN																										0	82	95	169
[illegible]	00	9	30	4	0	1	4	19	25	14	00	9	30	3	0	1	1	19		14					45	0	dr.		165
[illegible]	00	8	04	3	0	0	—	14	28	06	00	8	06	3	0	0	—	16		18					34	0	0	1	166
[illegible]	00	7	04	4	0	0	—	11	30	13	01	8	04	3	0	3	1	14		19					32	0	0	2	167
KHARTUM																										0	tr.	4	168
[illegible]	00	8	30	4	0	0	—	7	34	29	00	8	02	4	0	0	—	11		23					47	0	9	8	170
[illegible]	00	8	30	3	0	0	—	8	34	15	00	8	04	5	0	0	—	13		22					23	0	8	12	171
DUEIM																										0	4	14	173
[illegible]	00	9	30	3	0	0	—	8	31	19	00	9	32	4	0	0	—	10		26					11	—	—	49	[illegible]
[illegible]	00	7	16	2	0	0	—	8?	31	38	00	7	32	2	0	0	—	10		24					34	0	11	38	172
[illegible]	00	9	02	4	0	0	—	10	29	06	00	9	32	3	0	0	—	14		19					23	0	6	16	174
[illegible]	00	8	02	3	0	0	—	—	29	31	00	8	00	0	0	0	—	—		14					34	0	5	6	175
[illegible]	00	8	04	4	0	0	—	—	37	13	00	8	02	4	0	2	1	—		—					—	—	—	4	179
[illegible]	00	8	04	4	0	0	—	8	36	12	00	8	04	3	0	0	—	12		26					34	—	—	92	187
MALAKAL	01	8	04	2	1	4	8	6	37	13	00	8	02	6	0	0	—	9		27					20	0	52	93	176
WAU	00	8	06	3	0	2	8,4	6	37	07	02	8	00	0	1	7	4	11		24					19	0	186	172	177
JUBA	01	8	14	3	0	3	8	5	39	20	01	8	04	3	1	4	8,4	10		24					54	0	149	189	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS 29th ٢٩

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h 45 m	MINYA	ASYUT 7 h	ASWAN 7 h	WADI HALFA	KAREIMA 7 h	GENEINA 7 h	KASSALA 7 h	FASHER 7 h	MALAKAL	JUBA 7 h
				02 05 30		02 04 05	02 02 15		10 05 55	10 04 45	10 09 10	10 33 20		10 03 30
				05 07 40		05 10 30	05 06 50		15 03 25	15 07 30	15 12 05	15 05 35		15 07 15
				08 06 35		10 07 15	10 07 50		20 04 30	20 32 25	20 26 30	20 03 15		20 11 30
				10 06 40		15 06 25	15 06 40		30 03 30	40 26 30	35 24 35	30 31 30		40 25 20
				15 05 45		20 05 35	20 05 45		40 01 05	45 21 30		40 24 20		
				19 05 35		30 01 25	25 03 55		45 03 15			45 24 30		
						40 34 25			50 34 20			50 21 30		
									60 30 20					

Isobars, Wind and Temperature at 8 h. 29-3-1945 ١٩٤٥-٣-٢٩



PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog in Thick Haze	40-49
Mist, Fog in last hour	41
Thick	42
Fog in patches	49
[illegible]	50-59

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 28th	Diff. from normal	Wet bulb temp. °C on 28th	Diff. from normal
Alexandria	56	-9	12.8	-1.1
Ezbekiya	63	+5	12.1	-1.8
Giza	66	+6	11.6	-2.2
Helwan	47	+3	10.2	-2.2

Giza Grass minimum 29th 3.6

Discharges at Aswan measured by sluices m.³ per sec

DATE	1945	1944
29-3	810	810
28-3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	29-3			12.40	-0.87
Nasser				4.73	-0.35
Malakal		9.79	-0.32	9.80	-0.31
Roseires				11.20	-0.16
Sennar Res.				17.08	—
J. Aulia U.S.				375.51	—
J. Aulia D.S.				371.78	+0.83
Khartum				10.50	+0.30
Kh. el Girba					
Atbara		10.46	+0.51	10.47	+0.52
Kajnarti				132.62	+0.61
Aswan Res.		119.66	—	119.64	—
Aswan D.S.		84.97	-0.66	84.98	-0.66
Roda (Cairo)		15.73	+0.30	15.75	+0.22

At 8 h on 29th ٢٩

STATION	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Dry bulb	Max. yesterday	Diff. from norm	Min. today	Diff. from norm	Humidity	Rain past 24 hrs mms	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	00	0	0	3	4	22.4	—	15.1	25	—	6	—	47	0	16	—
Limassol	00	9	04	2	0	0	—	25.6	+12.0	14	—	—	—	—	—	0	617	420

SHIPS سفن

Water Temp. River Nile Cairo 16.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Altostratus
Stratocumulus
Nimbostratus
Cumulus
Cumulonimbus
Stratus

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/277)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100

CAIRO
Time of Sunrise h 05 m 47
Sunset 18 12

Month March 1945 ١٩٤٥ شهر مارس

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	At 14 h on 29th: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	At 8 h. on Friday 30th: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM																													130
MATRÛH	01	9	08	1	1	5	8	23.6	18.0	80	02	8	10	2	2	7	0	18.0	+2.2	15.7	19	-2	13	+1	86	0	101	158	131
DIKHEILA																													150
ALEXANDRIA	01	9	10	2	2	4	4	23.2	16.7	68	02	8	10	2	2	5	8	17.8	+2.7	14.8	21	-1	13	-1	88	0	254	181	132
DAMIETTA	01	8	06	3	1	3	1	23.9	17.9	69	01	8	10	3	1	5	3	18.6	—	17.6	19		14		83	0	100	101	159
PORT SAÎD	00	8	02	3	0	2	1	24.2	18.6	60	02	8	10	2	1	7	2	18.6	+4.4	17.8	20	-2	15	+1	80	0	83	72	134
EL 'ARÎSH	00	9	30	2	0	0	—	22.6		54	01	9	20	1	1	3	8	—	—	15.3	19	-3	9	-2	59	0	248	84	135
LOWER EGYPT																													
DAMANHÛR	01	7	04	4	1	4	1	23.0	22.6	42	02	6	04	4	2	8	5	17.8	+2.5	14.6	23	-2	10	0	91	0	128	93	136
MANSÛRA	01	8	08	2	1	3	8	23.8	22.0	47	02	6	04	2	2	5	9	18.0	—	16.7	23	-2	11	0	85	0	61	47	137
TANTA	01	8	00	0	1	4	2	23.2	24.0	39	03	7	00	0	2	8	6	17.5	+1.9	15.3	24	-2	7	-3	86	0	58	34	138
ZAGAZIG	00	7	04	3	0	0	—	23.2	20.6	52	00	7	08	2	0	0	—	18.0	+2.6	16.0	22	-4	7	-3	89	0	46	24	139
MIDDLE EGYPT — CAIRO																													
ALMÂZA	01	8	07	5	0	3	1	22.8	22.2	35	05	6	00	0	2	7	2	18.4	—	15.3	23	—	12	—	73	0	52	—	141
EZBEKIYA	01	8	02	4	1	4	1	22.0	23.7	28	05	6	00	0	2	8,	5	17.4	+1.6	15.0	24	-2	11	-1	65	0	46	22	
GÎZA	01	8	02	4	1	4	1	21.0	23.3	22	08	4	00	0	4	8	5	17.2	+1.1	14.1	24	-2	9	0	86	0	46	21	
HELWAN	00	9	04	5	1	3	1	21.1	24.3	13	05	5	00	0	2	8	2	17.8	+2.4	14.8	25	-1	10	-2	68	0	54	24	143
SUEZ	00	9	30	1	0	0	—	21.9	18.7	56	02	9	00	0	2	8	5	17.8	+2.4	16.2	25	-1	12	-2	73	0	37	14	144
UPPER EGYPT																													
FAIYÛM	01	8	02	3	1	4	2	20.6	25.0	16	02	8	10	2	2	6	4	17.2	+1.5	16.2	27	0	10	-1	65	0	75	7	153
MINYA	01	7	32	3	1	3	2	19.6	25.8	28	02	8	12	1	2	5	4	17.2	+1.7	16.9	27	-1	11	0	43	0	1	—	154
ASYÛT	01	8	30	1	1	3	2	19.4	25.1	27	01	7	00	0	1	4	5	17.6	+2.6	18.0	28	-1	10	-2	36	0	14	[illegible]	155
QENA	01	8	02	2	1	4	1	16.3	28.6	18	01	7	12	1	1	3	1	17.4	+3.4	23.6	31	-2	8	-6	30	0	20	—	156
LUXOR	00	9	28	2	0	0	—	18.2	29.0	21	00	7	02	2	0	0	—	17.9	—	20.5	33	—	8	—	23	0	tr.	—	157
ASWAN	00	9	08	3	0	0	—	15.2	26.7	22	00	9	32	1	0	0	—	15.9	+2.3	17.0	31	-2	12	-5	25	0	dr.	—	158
WESTERN DESERT																													
SIWA	03	8	08	2	2	8	2	22.2	23.3	43	00	7	08	2	0	0	—	17.4	+0.6	15.0	25	-2	7	-3	68	0	5	7	148
BAHARIYA	00	9	00	0	0	0	—	20.8	21.0	34	01	9	00	0	1	4	—	17.2	+1.0	15.0	23		9		49	0	7	—	149
KHARGA	00	9	32	1	0	1	1	18.2	28.2	13	00	9	32	2	0	0	—	16.7	+2.0	20.4	29	-2	14	+1	26	0	4	—	151
DAKHLA	00	8	04	1	0	0	—	19.2	27.0	17	00	7	00	0	0	0	—	17.2	+2.0	17.0	29	-2	8	-4	34	0	tr.	—	152
RED SEA																													
TOR	00	6	20	1	0	0	—	20.7	22.1	60	00	6	00	0	0	8	5	18.3	+4.7	18.2	23	-3	11	-3	67	0	3	13	145
HURGHADA	01	8	10	1	1	4	8	—	21.5		02	7	32	1	2	5	0	—	—	19.0	23	-4	11	-3	62	0	8	—	146
QUSEIR	00	8	32	4	0	0	—	20.2	22.0	56	00	8	30	2	0	0	—	17.0	+3.7	21.4	23	-4	16	-2	45	0	20	—	147
PORT SUDAN																										0	82	95	169
NORTH SUDAN																													
WADI HALFA	00	8	32	4	0	0	—	14	29	12	01	8	00	0	1	3	1	16		17					30	0	dr.	—	165
KAREIMA	00	8	02	3	0	0	—	11	29	07	02	8	20	2	1	5	2	12		21					28	0	0	1	166
ATBARA	00	8	32	3	1	0	—	9	31	08	01	8	02	2	1	4	1	11		22					29	0	0	2	167
KHARTÛM																										0	tr	[illegible]	168
KASSALA	00	8	30	3	0	0	—	4	35	27	01	8	00	0	1	5	1	5		23					20	0	9	8	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	30	3	0	0	—	6	34	09	01	8	04	4	1	4	1	10		23					34	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	30	3	0	0	—	6	36	09	00	9	32	4	0	0	—	10		25					19	—	—	49	182
ROSEIRES	00	7	16	2	0	0	—	5	36	15	00	7	16	2	0	0	—	9		27					33	0	1	38	172
EL OBEID	00	9	32	3	0	0	—	7	32	17	00	8	30	1	0	1		10		24					21	0	6	16	174
EL FASHER											01	8	00	0	1	5	2	—		18					30	0	5	6	175
GENEINA	01	7	30	2	1	4	1	—	34	12																0	—	[illegible]	179
KADUGLI	00	7	04	4	0	3	1	7	36	06	01	8	28	2	0	4	1	10		26					16	—	—	92	187
SOUTH SUDAN																													
MALAKÂL	01	8	06	3	1	3	4	4	38	12																0	52	93	176
WAU	00	8	06	2	1	3	4	6	38	05	02	8	00	0	1	7	4,5	9		25					32	0	186	173	177
JUBA	01	7	02	2	0	3	8	3	39	18	00	8	30	2	0	1	4	9		30					35	0	149	190	178

UPPER WINDS ON 30th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWÂN h. m.	MINYA h. m.	ASYUT h. m.	ASWAN h. m.	WADI HALFA 7 h. m.	KAREIMA 7 h. m.	KHARTÛM 7 h. m.	KASSALA h. m.	EL OBEID 7 h. m.	Fasher (MALAKÂL) 7 h. m.	JÛBA 5 h. m.
								10 11 30	10 05 20	10 05 10		10 02 45	10 04 35	10 07 30
								15 11 35	15 13 05	15 10 05		15 04 35	15 10 10	15 05 30
								20 09 20	20 08 30	20 01 05		20 02 20	20 30 05	20 04 30
								40 30 05	30 02 10	35 01 25		40 28 20	40 21 35	40 08 30
									40 17 05	35 08 30		45 27 20	45 20 35	45 09 15
									45 07 05	40 01 30		50 28 20	50 11 15	50 13 05
									50 26 05					
									60 28 15					
									70 23 20					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 29th	Diff. from normal	Wet Bulb Temp °C on 29th	Diff. from normal
Alexandria	70	+5	13.2	-0.8
Ezbekiya	57	-1	12.8	-1.2
Gîza	60	0	13.0	-0.9
Helwân	47	+3	11.4	-1.0

Gîza Grass minimum on 30th 5.7 °C

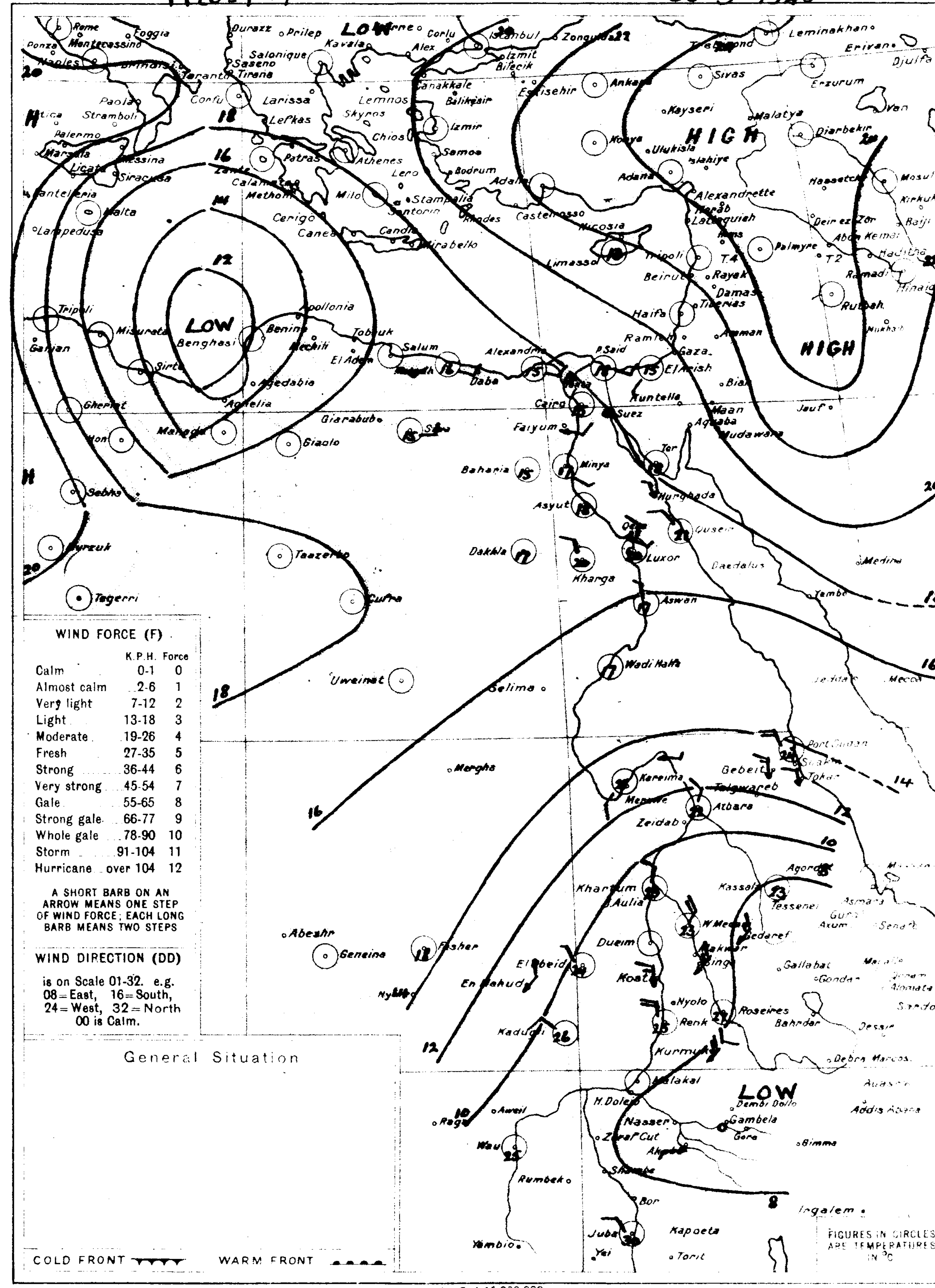
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
30-3	810	810
29-3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	30-3			12.40	-0.87
Nâsser		4.73	-0.37	4.73	-0.36
Malakâl		7.78	-0.33	7.79	-0.32
Roseires		11.14	-0.17	11.19	-0.17
Sennâr Res.		16.93	—	17.01	—
J. Aulia U.S		374.50	—	374.49	—
J. Aulia D.S		371.67	+0.73	371.74	+0.80
Khartûm		10.48	+0.27	10.48	+0.28
Kh. el Girba					
Atbara		10.45	+0.50	10.46	+0.51
Kajnarti		132.64	+0.65	132.62	+0.62
Aswân Res.		119.70	—	119.66	—
Aswân D.S.		84.98	-0.65	84.97	-0.66
Rôda (Cairo)		15.75	+0.23	15.73	+0.20

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٣-٣٠ Isobars, Wind and Temperature at 8 h. 30-3-1945



WIND FORCE (F)	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

STATION	At 8 h. on 30th: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
N. Hamadi	00	8	00	0	0	0	—	19.5	—	16.5	29	—	7	—	56	0	16	—
Limassol	00	9	00	0	1	0	—	20.7	+7.2	13	—	—	—	—	—	0	617	422
SHIPS سفن																		

REMARKS

Water Temp river Nile Cairo 16.7 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder [illegible]	11
Distant Duststorm	12
Squally	[illegible]
Slight Duststorm	[illegible]
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist Fog in last hour	41
Thick [illegible]	42
Fog in patches	48
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
[illegible] of Snow	83, 84
[illegible] of Sleet	85, 86
[illegible] of Hail	88, 89
Thunderstorm	90-99
[illegible]	93
[illegible]	96
[illegible] with Duststorm	98
[illegible] heavy with Hail	99

PAST WEATHER	(W)
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY	(V)
Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 km	9

CLOUD AMOUNT	(N)
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM	(C)
Cirrus	
Cirro stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 05 h 45 m
Sunset 18 13

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month MARCH, 1945 ١٩٤٥ شهر مارس

STATION	14 h. on 30th: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs. PPP	°C Temp TTT	% Humidity UU	8 h. on SATURDAY, 31st: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Temp. Dry Bulb °C TTT	Maximum Yesterday °C	Diff. from norm °C	Minimum Today °C	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM																														130
MATRUH	02	9	08	3	2	5	0	13.1	20.2	80	18	4	24	5	3	9	—	3.0	-12.7	15.7	20	-1	11	-1	76	0	101	155	131
DIKHEILA																													150
ALEXANDRIA	01	9	04	2	2	4	8	15.0	20.0	66	02	7	20	5	1	7	4	7.5	-7.6	16.6	23	+1	14	0	50	0	254	181	132
DAMIETTA	02	8	12	3	2	7	5	14.6	21.4	67	05	5	20	3	1	0	—	7.9	—	16.5	22		12		72	0	100	101	159
PORT SAID	02	8	04	2	2	7	2	15.2	20.2	59	00	6	20	4	0	0	—	8.0	-6.1	17.0	21	-1	15	+1	61	0	83	72	134
EL ARISH											00	9	16	1	0	0	—	6.8	-8.1	16.0	25	+3	10	-1	42	0	248	85	135
DAMANHUR	00	6	04	3	1	0	—	—	21.2	35	00	6	20	4	0	0	—	7.4	-7.8	16.8	27	+2	11	+1	51	0	128	93	136
MANSURA	02	7	12	2	2	5	6	14.7	26.8	34	02	6	24	2	2	5	6	8.4	—	16.5	27	+1	10	-1	60	0	61	47	137
TANTA	03	8	00	0	2	8	6	14.2	26.5	34	00	8	32	2	0	0	—	8.8	-6.7	16.5	28	+2	10	0	51	0	58	34	138
ZAGAZIG	02	7	16	2	2	5	8	14.3	25.7	46	00	7	20	2	0	0	—	9.2	-6.2	16.2	26	0	11	+1	63	0	46	24	139
ALMAZA	02	7	20	2	2	7	5	15.2	27.9	16	05	6	23	3	0	0	—	10.6	—	18.4	28		16		38	0	52	—	141
EZBEKIYA	03	8	18	1	2	8	5	14.6	27.5	34	05	5	16	1	0	0	—	10.3	-5.4	18.7	28	+2	15	+3	46	0	46	22	—
GIZA	03	8	20	1	2	8	5	13.9	28.0	19	05	5	20	2	0	0	—	10.0	-6.0	18.5	28	+2	11	+2	51	0	46	21	—
HELWAN	02	7	18	2	2	8	5	14.0	27.2	18	05	5	14	2	0	0	—	10.8	-4.5	17.3	28	+2	14	+1	39	0	54	24	143
SUEZ	03	9	22	1	2	8	5	15.8	21.9	42	00	9	30	5	0	0	—	9.9	-5.4	21.0	27	+1	14	0	41	0	37	14	144
FAIYUM	03	8	22	1	2	8	5	13.5	28.8	19	05	5	18	1	2	8	5	11.1	-4.5	18.0	29	+2	13	+2	44	0	75	7	153
MINYA											02	8	26	1	2	6	2	12.4	-3.0	18.6	30	+2	13	+2	42	0	1	—	154
ASYUT	01	8	12	1	1	4	2	13.1	30.0	21	00	6	22	2	0	0	—	13.0	-1.9	16.7	32	+3	11	-1	42	0	14	4	155
QENA	01	8	06	2	1	4	1	12.6	31.4	13	01	7	08	1	1	3	1	11.1	-2.8	17.6	33	0	11	-3	34	0	20	—	156
LUXOR	00	7	12	1	0	0	—	14.0	32.4	14	00	7	06	2	0	0	—	12.0	—	23.0	36	—	11	—	23	0	tr.	—	157
ASWAN	00	9	16	1	0	0	—	11.2	30.0	16	00	9	00	0	0	0	—	11.4	-2.1	21.0	34	+1	15	-2	41	0	dr.	—	158
SIWA	00	8	14	4	0	0	—	13.2	29.5	36	00	7	24	—	0	0	—	12.6	-4.1	15.8	32	+5	14	+4	71	0	5	7	148
BAHARIYA	01	9	00	0	1	4	—	—	22.0	22	00	9	24	2	0	0	—	13.0	-3.1	17.0	31		17		83	0	7		149
KHARGA	01	9	16	2	1	4	1	12.6	31.8	12	05	6	32	3	0	0	—	13.9	-0.7	21.2	34	+3	10	-3	27	0	4	—	151
DAKHLA	00	8	12	2	0	0	—	12.3	30.0	11	00	6	24	4	0	0	—	14.8	-0.3	18.5	32	+1	11	-1	40	0	tr.	—	152
TOR	02	6	24	—	2	8	1	15.6	23.6	60	01	6	12	1	1	5	1	11.4	-2.1	22.3	25	-1	13	-1	68	0	3	13	145
HURGHADA	01	7	12	2	2	5	6	16.7	25.0	34	02	8	14	1	2	5	—	12.0	-1.4	21.2	26	-1	13	-1	55	0	8	—	146
QUSEIR	00	8	02	2	0	0	—	15.9	22.8	70	00	8	04	1	0	0	—	10.2	-3.0	21.0	24	-3	14	-4	43	0	20	—	147
PORT SUDAN																										0	82	95	169
WADI HALFA	01	9	06	1	1	3	2	10	32	13	01	9	28	1	0	4	1	12		19					12	0	dr.		165
KAREIMA	01	8	04	2	1	4	2	7	33	07	01	8	04	2	1	4	1	11		22					19	0	0	1	166
ATBARA	01	8	06	2	1	4	1	5	33	16	00	8	06	2	1	3	1	9		21					50	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	01	8	00	0	1	5	2	1	38	17	01	8	24	2	1	4	2	7		27					42	0	9	8	170
WAD MEDANI	00	8	32	1	1	3	1	3	36	12	01	8	32	2	1	4	2	8		25					14	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	27	3	0	0	—	4	38	10	00	9	04	4	0	0	—	8		30					18	—	—	49	182
ROSEIRES											00	7	24	2	0	0	—	8		24					57	0	1	38	172
EL OBEID	00	9	04	2	1	3	1	4	34	05	01	9	20	2	1	4	4	9		24					15	0	6	16	174
EL FASHER	01	8	04	2	1	4	2	—	35	25	00	8	00	0	0	2	1	—		18					32	0	5	6	175
GENEINA											00	8	02	3	0	0	—	—		21					25	—	—	4	179
KADUGLI	01	8	04	3	1	4	2	5	38	09	01	8	28	2	1	4	1	8		29					12	—	—	92	187
MALAKAL	01	8	32	2	1	3	8,4	3	39	16	02	6	04	3	1	5	4,5	7		32					17	0	52	93	176
WAU	02	8	04	3	8	7	4,5	5	34	11	02	8	00	0	1	7	4,5	6		27					33	tr.	186	174	177
JUBA	01	8	12	3	1	5	8,4	4	39	18	01	8	20	1	1	3	4	9		31					33	0	149	192	178

UPPER WINDS ON 31st ٣١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 30 m.	GENEINA 7 h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 7 h. m.	FASHER 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA 7 h. m.
				02 20 15	10 04 50	02 32 55		10 01 15	10 35 20	10 36 30	10 06 10	10 02 45	10 03 20	10 22 10
				05 24 25	15 05 45	05 31 55	05 24 05			15 02 25	15 26 15	15 35 15	15 02 20	15 23 05
				08 26 30	35 24 30		10 11 05	20 24 30	20 34 15	20 19 10	20 24 60	20 31 —	20 02 10	20 25 10
					40 22 30		15 29 15	25 26 30	30 27 40	35 35 40		33 30 30	33 05 10	30 28 10
							20 26 15		40 27 25	40 24 45		40 29 20		
							25 28 05		42 27 30			45 26 20		
												50 20 25		
												60 19 35		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 30th	Diff. from normal	Wet Bulb Temp °C on 30th	Diff. from normal
Alexandria	72	+6	15.7	+17
Ezbekiya	53	-5	14.3	+0.2
Giza	56	-4	13.7	-0.3
Helwan	36	-8	12.7	+0.2

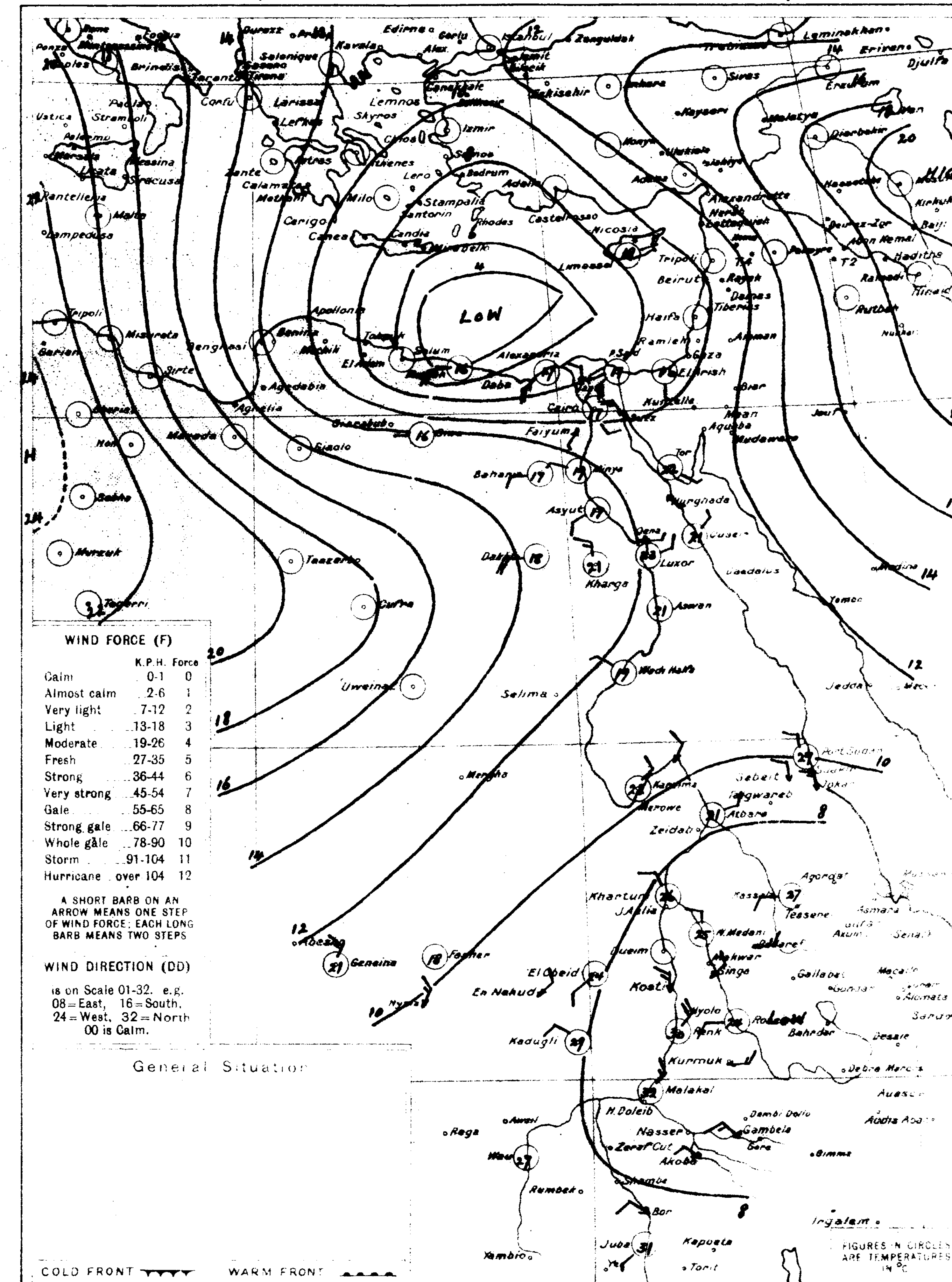
Giza Grass minimum on 31st 6.0 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
31-3	810	810
30-3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba					
Nasser				4.73	-0.37
Malakal		9.76	-0.34	9.76	-0.33
Roseires				11.19	-0.17
Sennar Res.	31			16.93	—
J. Aulia U.S				374.50	—
J. Aulia D.S				371.67	+0.73
Khartum	31			10.48	+0.27
Kh. el Girba					
Atbara		10.44	+0.49	10.45	+0.50
Kajnarti				133.64	+0.65
Aswan Res.		119.75	—	119.70	—
Aswan D.S.		84.97	-0.65	84.98	-0.65
Roda (Cairo)		15.77	+0.26	15.75	+0.23

Isobars, Wind and Temperature at 8 h. 31 - 3 - 1945 ١٩٤٥-٣-٣١



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

STATION	8 h. on 31st: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs	Temp. Dry Bulb TTT	Maximum Yesterday	Diff from norm	Minimum Today	Diff from norm	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	01	8	00	0	0	4	4	12.3	—	19.0	32	—	10	—	30	0	16	—
Limassol	01	9	06	4	1	4	—	8.4	-5.1	19	—	—	—	—	—	0	617	423
SHIPS سفن																		

Remarks
Water Temp.
River Nile Cairo
17.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squall	[illegible]
Slight Duststorm	[illegible]
Rain in past hour	20-29
Slight Thunderstorm	[illegible]
Heavy Thunderstorm	[illegible]
Duststorm	30-34
Fog in Thick Haze	[illegible]
[illegible]	[illegible]
Thick [illegible]	42
Fog in patches	43
Drizzle	[illegible]
Rain	[illegible]
Rain and Fog	[illegible]
Rain and Snow	[illegible]
Snow	[illegible]
Showers	[illegible]
Thunderstorm	90 [illegible]

PAST WEATHER (W)

Clear [illegible]	[illegible]
Variable sky	[illegible]
Mainly overcast	[illegible]
Sandstorm, Duststorm	[illegible]
Fog [illegible]	[illegible]
Drizzle	[illegible]
Rain	[illegible]
Snow [illegible]	[illegible]
Showers	[illegible]
Thunderstorm	[illegible]

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
[illegible]	5
[illegible]	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	[illegible]
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	[illegible]
Cirro-stratus	2
Cirro-cumulus	[illegible]
Alto-cumulus	[illegible]
Alto-stratus	5
Strato-cumulus	[illegible]
Nimbo-stratus	[illegible]
Cumulus	8
Cumulo-nimbus	9
Stratus	[illegible]

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h. m.
Sunset h. m.

Month April 1945 ١٩٤٥ شهر أبريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

JUN 26 1945 WEATHER BUREAU

Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h PPP	14h TTT	14h UU	8h ww	8h V	8h DD	8h F	8h W	8h N	8h C	8h PPP	Diff. from normal mbs.	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	% Humidity UU	Rain past 24 hrs	Total from Oct. 1	Normal from Oct. 1	Station Number
MEDITERRANEAN: SALUM																						—		—				—	130
MATRUH	33	3	28	7	3	9	—	3.5	17.0	71	00	9	28	5	1	3	8	12.3	-3.3	16.0	18	-3	—	—	84	0	101	156	131
DIKHEILA																						—		—				—	150
ALEXANDRIA	02	6	24	6	5	7	5	4.8	17.7	68	00	9	28	6	0	0	—	9.2	-5.9	16.6	19	-3	13	-1	73	tr	254	182	132
DAMIETTA	18	4	20	5	3	9	—	5.9	21.6	39	14	7	28	5	1	3	9	7.4	—	17.2	22	—	12	—	83	0	100	101	159
PORT SAID	30	3	18	6	3	9	—	5.8	23.0	31	14	7	26	4	0	0	—	6.3	-7.8	16.5	23	+1	14	0	82	0	83	72	134
EL 'ARISH	00	9	30	2	0	0	—	6.2	21.3	52	01	8	20	2	1	4	9	7.0	-7.8	17.0	25	+3	10	-1	70	0	248	85	135
LOWER EGYPT: DAMANHUR	30	1	24	7	3	9	—	5.1	21.0	41	01	6	24	5	1	3	8	9.5	-5.7	17.3	21	-4	13	+3	70	tr	128	14	136
MANSURA	31	4	24	4	3	8	6	6.0	21.5	42	02	7	30	3	2	5	9	8.4	—	16.5	23	-3	13	+2	79	0	61	48	137
TANTA	18	6	20	6	3	9	—	5.8	21.0	45	02	6	28	4	2	5	8	9.2	-6.2	17.0	23	-3	12	+2	78	0	58	35	138
ZAGAZIG											02	6	24	3	1	6	9	9.5	-5.8	16.2	23	-3	13	+3	91	0	46	25	139
MIDDLE EGYPT: CAIRO ALMAZA	18	5	24	5	0	0	—	7.6	23.9	28	81	6	25	4	8	6	8,6	11.2	—	15.3	24	—	15	—	78	tr	52	—	141
CAIRO EZBEKIYA	30	3	24	6	3	9	—	7.4	23.4	34	09	5	24	3	4	7	9	11.5	-4.2	16.0	24	-3	15	+3	76	0	46	23	—
CAIRO GIZA	30	3	24	6	3	9	—	7.2	24.6	28	09	5	24	4	4	6	8	11.5	-4.5	15.8	25	-1	14	+5	77	0	46	22	—
HELWAN	33	3	20	6	3	9	—	7.1	23.1	22	02	7	24	6	2	5	6	11.8	-3.4	14.8	24	-2	13	0	76	0	55	25	143
SUEZ	00	9	30	4	0	0	—	5.9	26.7	16	01	9	26	2	1	4	8	10.6	-4.5	18.5	27	+1	15	+1	56	0	37	15	144
UPPER EGYPT: FAIYUM	30	3	22	5	3	9	—	8.3	23.3	33	01	8	30	3	1	4	6	12.7	-2.9	15.3	24	-3	13	+2	69	0	75	7	153
MINYA	09	8	24	3	2	8	2	9.9	26.4	19	00	9	26	0	0	0	—	13.6	-1.7	16.6	27	-2	12	+1	50	0	1	—	154
ASYUT	00	6	26	3	0	0	—	10.6	24.0	25	00	7	26	1	0	0	—	14.3	-0.6	15.8	26	-3	12	0	50	0	14	4	155
QENA	01	8	26	4	1	3	1	8.4	29.2	14	05	6	26	2	0	0	—	12.7	-1.2	17.0	30	-3	12	-2	52	0	20	—	156
LUXOR	00	7	28	4	0	0	—	9.8	28.0	17	00	7	22	3	0	0	—	14.6	—	19.9	30	—	15	—	33	0	tr.	—	157
ASWAN	00	9	28	2	0	0	—	7.9	32.0	06	05	5	00	0	0	0	—	14.6	+1.2	18.0	32	-1	15	-2	29	0	dr.	—	158
WESTERN DESERT: SIWA	00	8	24	6	0	0	—	12.7	22.8	60	00	7	00	0	0	0	—	15.8	-0.8	13.5	24	-3	11	+1	62	0	5	7	148
BAHARIYA	00	9	24	5	0	0	—	11.1	22.0	50	00	9	32	1	0	0	—	14.6	-1.4	15.0	23	—	12	—	78	0	7	—	149
KHARGA	18	5	28	—	3	9	—	12.2	26.8	15	00	8	28	2	0	0	—	15.2	+0.7	17.6	28	-3	12	-1	40	0	4	—	151
DAKHLA	00	7	24	4	0	0	—	12.2	24.0	29	00	7	28	2	0	0	—	16.7	+1.7	14.0	25	-6	11	-1	57	0	tr.	—	152
RED SEA: TOR	00	6	16	1	0	0	—	7.9	26.2	64	00	6	28	2	0	0	—	11.0	-2.4	19.4	26	0	16	+3	64	0	3	13	145
HURGHADA	00	9	14	2	0	0	—	9.0	26.5	29	00	9	26	5	3	0	—	11.2	-2.2	21.0	27	0	17	+3	27	0	8	—	146
QUSEIR	00	8	10	3	0	0	—	7.6	24.5	50	00	8	26	3	0	0	—	10.8	-2.3	21.0	26	-1	18	0	34	0	20	—	147
PORT SUDAN																										0	82	15	169
NORTH SUDAN: WADI HALFA	18	6	28	5	1	0	—	9	31	08	05	6	28	4	0	0	—	15		17					28	0	dr.	—	165
KAREIMA	01	8	30	3	1	4	1	6	35	07	18	4	04	5	0	0	—	14		19					46	0	0	1	166
'ATBARA	01	8	32	1	1	3	1,4	4	35	22	31	4	04	5	3	9	—	11		23					13	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	28	2	1	0	—	1	39	16	00	8	28	2	0	0	—	8		26					23	0	9	9	170
CENTRAL SUDAN: WAD MEDANI	00	8	30	4	1	3	1	3	38	09	00	8	32	5	0	2	2	10		26					48	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	24	2	0	0	—	2	40	08	00	9	32	3	0	0	—	10	—	28		—		—	06	—	—	49	182
ROSEIRES	00	7	16	2	0	0	—	2	38	40	00	7	16	2	0	0	—	7		28					52	0	1	39	172
EL OBEID	01	9	32	2	0	3	1,4	3	36	12	00	6	32	2	0	0	—	9		21					23	0	6	17	174
EL FASHER	01	8	04	2	1	3	1	—	35	07	00	8	32	2	1	3	1	—		19					16	0	5	6	175
GENEINA	00	8	30	3	0	0	—	—	34	—	18	6	02	6	0	3	1	—		18					73	—	—	4	179
KADUGLI	01	8	20	2	1	4	1	4	39	—	00	8	04	4	0	3	1	10		28					10	—	—	12	187
S. SUDAN: MALAKAL	01	8	28	2	1	4	4,8	3	40	17	02	8	02	3	1	6	8,4	7		31					24	0	52	94	176
WAU											05	8	00	0	1	8	4,5	8		26					37	7	193	175	177
JUBA	01	8	30	3	1	4	4,5	6	37	20																0	149	193	178

(At 14 h. on 31-3 الساعة ١٤ يوم ٣/٣١ — At 8 h. on Sunday 1st الساعة ٨ يوم الأحد أول)

UPPER WINDS ON 1st الرياح العليا يوم أول

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 45 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA (Fasher, Geneina) 7 h. m.	KHARTUM 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA h. m.
				02 28 35		02 30 30	02 29 05	10 36 45	10 35 25	10 05 40	10 01 10	10 03 15	10 04 45	
				05 30 20		05 31 35	05 33 30	15 33 55	15 34 25	15 01 40	15 01 20	15 02 45	15 04 40	
				Ent. St.		10 31 40	10 34 30	20 32 55	20 34? 10	20 36 10	20 01 15	20 05 70	20 04 15	
									30 28 20	30 32 15	40 29 20	40 15 10		
									40 27 25					
									45 20 30					
									50 19 20					
									60 21? 15					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 31-3	Diff. from normal	Wet Bulb Temp. °C on 31-3	Diff. from normal
Alexandria	58	-8	13.0	-1.1
Ezbekiya	40	-17	13.5	-0.7
Giza	46	-14	14.1	0.0
Helwan	31	-13	11.6	-0.8

Giza Grass minimum on 1st 13.2 °C

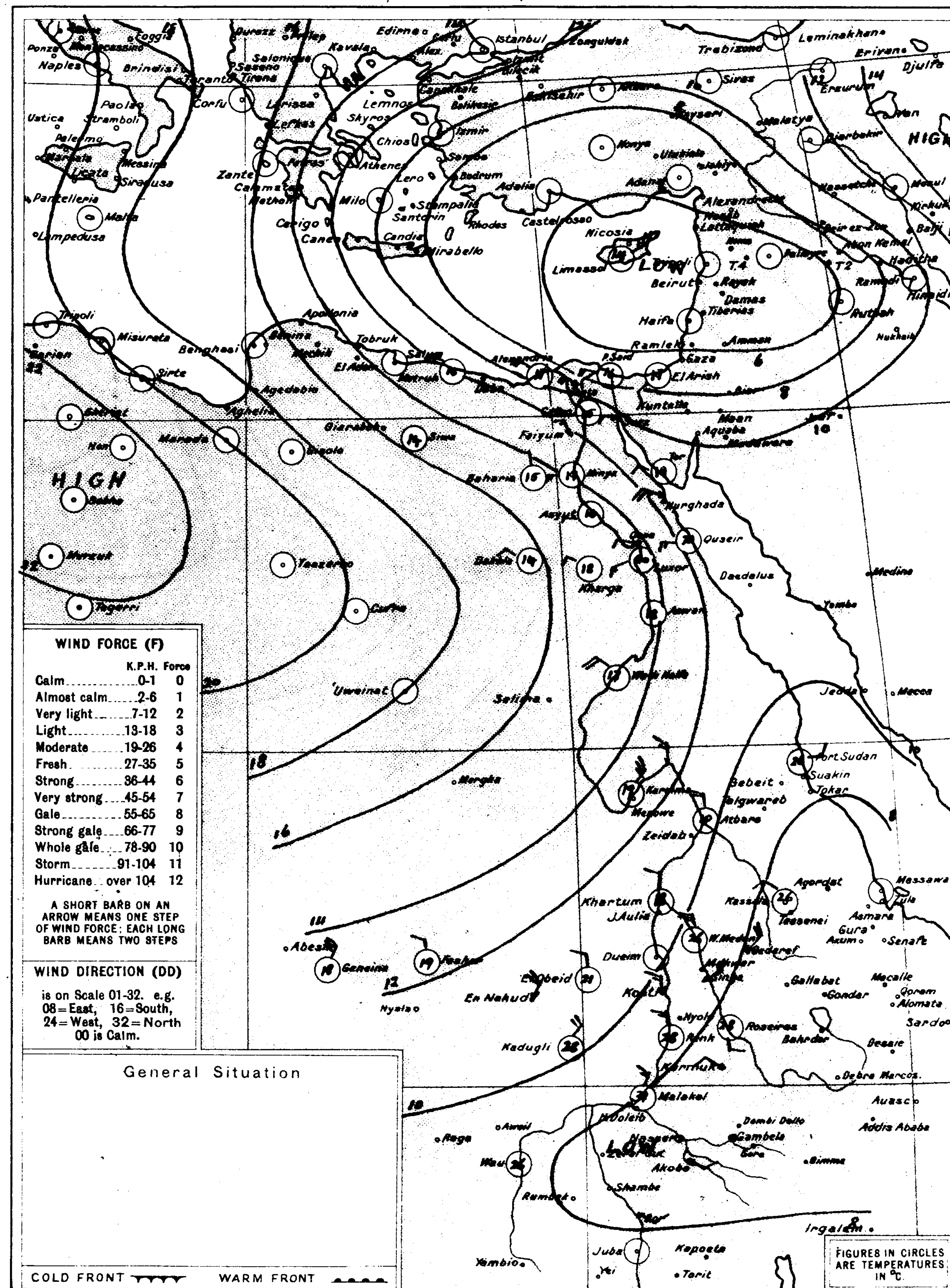
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
1-4	810	810
31-3	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	—	—
Nasser		—	—	4.76	-0.36
Malakal		9.74	-0.35	9.76	-0.34
Roseires		11.20	-0.15	11.19	-0.16
Sennar Res.		—	—	16.92	—
J. Aulia U.S		—	—	374.4[illegible]	—
J. Aulia D.S		—	—	371.6[illegible]	+0.71
Khartum		—	—	10.43	+0.21
Kh. el Girba		—	—	—	—
'Atbara		—	—	10.4[illegible]	+0.49
Kajnarti		—	—	132.6[illegible]	+0.67
Aswan Res.		119.77	—	119.79	—
Aswan D.S.		84.98	-0.64	84.97	-0.65
Roda (Cairo)		15.77	+0.26	15.77	+0.26

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥/٤/١ Isobars, Wind and Temperature at 8 h. 1.4.1945



SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 1st الساعة ٨ يوم أول

STATION محطة	ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb TTT	Max. Yesterday MM	Diff. from norm.	Min. Today mm	Diff. from norm.	% Humidity UU	Rain past 24 hrs	Total from Oct. 1	Normal from Oct. 1
N. Hamadi	00	9	26	1	0	0	—	14.3	—	16.5	25	—	12	—	47	0	16	—
Limassol	02	7	06	5	6	6	—	3.8	-9.6	14	—	—	—	—	—	6	623	424
SHIPS سفن																		

Remarks

Water Temp.
R. Nile Cairo
17.7 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER ww
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10
Thunder, no rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick ,, ,, ,, ,, 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
,, of Snow 83, 84
,, of Sleet 85, 86
,, of Hail 88, 89
Thunderstorm 90-99
,, ended, now Rain 91
,, with Hail 94-96
,, with Duststorm 98
,, heavy, with Hail 99

PAST WEATHER (W)
Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)
Objects not visible at
50 metres 0
200 ,, 1
500 ,, 2
1 Kilometre 3
2 ,, 4
4 ,, 5
10 ,, 6
20 ,, 7
50 ,, 8
Visible over 50 kms. 9

CLOUD AMOUNT (N)
Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

CLOUD FORM (C)
Cirrus 1
Cirro-stratus 2
Cirro-cumulus 3
Alto-cumulus 4
Alto-stratus 5
Strato-cumulus 6
Nimbo-stratus 7
Cumulus 8
Cumulo-nimbus 9
Stratus 0

CAIRO
Time of Sunrise 05 h 43 m
Sunset 18 14

Month APRIL, 1945 ١٩٤٥ شهر أبريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 1st (الساعة ١٤ يوم ١) — At 8 h. on MONDAY 2nd (الساعة ٨ الاثنين ٢)

Region	Station	1st: Present weather ww	1st: Visibility V	1st: Wind Dir DD	1st: Wind Force F	1st: Past weather W	1st: Cloud Amount N	1st: Cloud Form C	1st: Bar. press M.S.L. 1000+ mbs PPP	1st: °C Temp. TTT	1st: % Humidity UU	2nd: Present weather ww	2nd: Visibility V	2nd: Wind Dir DD	2nd: Wind Force F	2nd: Past weather W	2nd: Cloud Amount N	2nd: Cloud Form C	2nd: Bar M.S.L. 1000+ mbs PPP	2nd: Bar Diff from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Max Diff from norm °C	Min Today °C mm	Min Diff from norm °C	% Humidity UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Rain Normal from Oct 1 mms	Station number
Mediterranean	SALUM																													130
	MATRUH	01	9	28	5	1	4	8	12.7	17.0	84	01	9	24	3	1	4	8	14.0	-1.6	16.8	18	-3	11	-1	81	0	101	156	131
	DIKHEILA																													150
	ALEXANDRIA	02	9	28	6	2	5	8	12.0	17.7	73	02	8	24	1	2	5	4	14.2	-0.8	16.2	19	-4	14	0	73	0	254	181	132
	DAMIETTA	14	8	28	5	1	4	8	9.4	18.9	75	02	8	20	1	1	5	6	13.5	—	16.7	19	—	11		79	0	100	101	159
	PORT SAID	14	7	26	5	3	4	5	9.0	20.3	64	01	8	22	3	1	4	8	13.1	-0.9	15.0	22	0	14	-1	89	0	83	72	134
	EL ARISH	00	9	28	4	0	0	—	7.4	19.2	61	00	9	18	1	0	0	—	13.2	-1.5	17.0	20	-2	13	+2	67	0	248	85	135
Lower Egypt	DAMANHUR	00	7	24	5	1	0	—	10.8	21.3	46	01	6	20	2	1	4	3	13.6	-1.5	14.3	22	-3	12	+1	86	0	128	94	136
	MANSURA	01	7	24	3	1	4	9	9.9	21.8	55	01	7	16	1	1	3	8	14.0	—	17.2	22	-4	10	-1	76	0	61	48	137
	TANTA	00	8	28	5	2	0	—	10.4	22.0	47	01	8	00	0	1	4	8	13.9	-1.5	15.0	23	-3	10	0	78	0	58	35	138
	ZAGAZIG	00	7	24	3	0	2	8	11.1	22.4	54	03	6	24	2	2	8	8	14.8	-0.5	13.2	23	-3	13	+3	94	0	46	25	139
Middle Egypt (Cairo)	ALMAZA	00	7	28	4	0	0	—	11.9	23.8	34	03	7	30	1	2	8	6	14.8	—	15.7	24		12		80	0	51		141
	EZBEKIYA	00	8	28	2	0	0	—	11.0	23.8	34	09	5	26	1	1	4	8	14.4	-1.2	15.6	24	-3	12	0	77	0	46	23	
	GIZA	00	8	28	2	0	0	—	10.8	24.2	29	09	5	26	2	4	4	8	14.4	-1.5	15.0	25	-1	8	-2	85	0	46	22	
	HELWAN	05	5	26	7	0	0	—	10.6	22.7	26	05	5	28	1	0	0	—	14.8	-0.3	13.8	23	-3	11	-2	81	0	54	25	143
	SUEZ	02	9	30	3	2	5	8	11.2	24.2	32	00	9	02	1	0	0	—	14.6	-0.6	16.8	26	0	12	-2	72	0	37	15	144
Upper Egypt	FAYUM	01	8	32	4	1	3	8	11.6	24.2	28	00	8	00	0	0	0	—	14.7	-0.8	16.9	25	-2	11	0	71	0	75	8	153
	MINYA	00	9	32	3	1	0	—	12.4	25.2	24	00	9	30	1	0	0	—	14.4	-0.8	17.3	26	-3	11	-1	52	0	1		154
	ASYUT	00	7	26	1	0	0	—	13.0	23.1	32	00	7	20	1	0	0	—	14.8	0.0	16.7	25	-4	11	-1	51	0	14	4	155
	QENA	00	8	24	2	0	0	—	11.4	26.0	27	05	7	24	2	0	0	—	14.2	+0.4	18.8	27	-7	11	-3	41	0	20		156
	LUXOR	00	7	32	2	0	0	—	12.7	25.3	27	00	7	22	2	0	0	—	15.0	—	20.3	26		10		40	0	tr.		157
	ASWAN	00	9	32	2	0	0	—	11.2	25.6	18	00	9	00	0	0	0	—	14.6	+1.3	18.0	26	-8	14	-3	39	0	dr.	—	158
Western Desert	SIWA	00	8	28	2	0	0	—	16.4	22.5	65	00	7	00	0	0	0	—	15.9	-0.6	15.0	24	-3	12	+2	78	0	5	8	148
	BAHARIYA	00	9	24	2	0	0	—	14.6	23.0	39	00	9	00	0	0	0	—	16.4	+0.4	14.0	25		8		57	0	7		149
	KHARGA	00	9	28	2	0	0	—	13.9	24.3	27	00	8	08	1	0	0	—	15.5	+1.0	17.0	26	-5	10	-3	41	0	4	—	151
	DAKHLA	00	8	28	2	0	0	—	14.4	22.7	33	00	7	24	1	0	0	—	17.0	+2.1	12.0	24	-7	10	-2	51	0	tr.		152
Red Sea	TOR	00	6	26	2	0	0	—	10.7	22.9	61	00	6	28	2	0	0	—	13.0	-0.3	19.8	26	0	12	-3	75	0	3	13	145
	HURGHADA	00	9	30	5	0	0	—	11.9?	23.5	35	00	9	26	4	0	0	—	14.2?	+0.9	20.5	27	0	13	-1	30	0	8	—	146
	QUSEIR	00	8	28	3	0	0	—	9.8	27.2	35	00	8	32	2	0	0	—	12.3	-0.7	22.0	28	+1	17	-1	31	0	20	—	147
	PORT SUDAN																										0	82	95	169
North Sudan	WADI HALFA	00	7	—	4	0	0	—	—	26	18	00	9	28	1	0	1	2	16		16					32	0	dr.	—	165
	KAREIMA	00	7	02	3	0	0	—	11	29	08	00	7	04	2	0	0	—	14		19					26	0	0	1	166
	ATBARA	31	4	30	5	3	9	—	7	31	08	00	8	32	3	0	0	—	12		20					21	0	0	2	167
	KHARTUM																										0	tr.	4	168
	KASSALA	00	7	08	2	0	0	—	3	38	15	00	8	00	0	0	0	—	10		22					21	0	9	9	170
Central Sudan	WAD MEDANI											05	6	02	4	0	0	—	12		23					10	0	8	12	171
	DUEIM																										0	4	14	173
	RENK											00	8	04	4	0	0	—	11		23					34	—	—	49	182
	ROSEIRES											00	7	16	2	0	0	—	9		27					48	0	1	39	172
	EL OBEID	05	6	22	3	0	0	—	6	34	20	00	8	32	3	0	3	4	12		21					23	0	6	17	174
	EL FASHER	00	8	05	2	0	0	—	—	33	19	00	7	04	2	0	0	—	—		20					23	0	5	6	175
	GENEINA	02	7	04	3	1	8	2	—	33	41	02	8	02	4	1	8	2	—		20					64	—	—	4	179
	KADUGLI											05	5	32	4	0	4	1	10		27					09	—	—	93	187
S. Sudan	MALAKAL											01	7	04	5	1	3	4,1	9		28					23	0	52	94	176
	WAU											01	8	00	0	1	4	4	8		29					27	0	193	176	177
	JUBA											01	8	18	3	1	4	4	9		27					66	8	157	195	178

UPPER WINDS ON 2nd

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 45 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 7 h. m.	GENEINA 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	FASHER 7 h. m.	JUBA 7 h. m.
				02 32 10		01 30 25	02 36 10	10 01 30	10 01 30	10 04 35	10 01 05	10 03 55	10 04 35	10 17 15
				05 20 05		05 32 30	05 36 30	15 33 25	15 33 15	15 09 30	15 03 05	15 05 20	15 04 30	15 16 15
				08 28 20		10 35 20	10 02 25	20 33 30	20 28 20	20 18 25	20 05 11	20 35 15	20 19 10	
				10 27 25		15 31 10	15 01 15		30 28 45	40 27 30			40 26 30	
				15 28 30		20 24 20	20 29 05		40 26 55	45 24 30			45 27 15	
				20 26 30		25 27 20	25 29 30		45 24 55				50 21 20	
						30 27 30							60 16 30	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 1st	Humidity Diff. from normal	Wet bulb temp °C on 1st	Wet bulb Diff. from normal
Alexandria	73	+7	14.5	+0.3
Ezbekiya	62	+5	13.5	-0.8
Giza	70	+11	14.5	+0.3
Helwan	56	+13	12.6	0.0

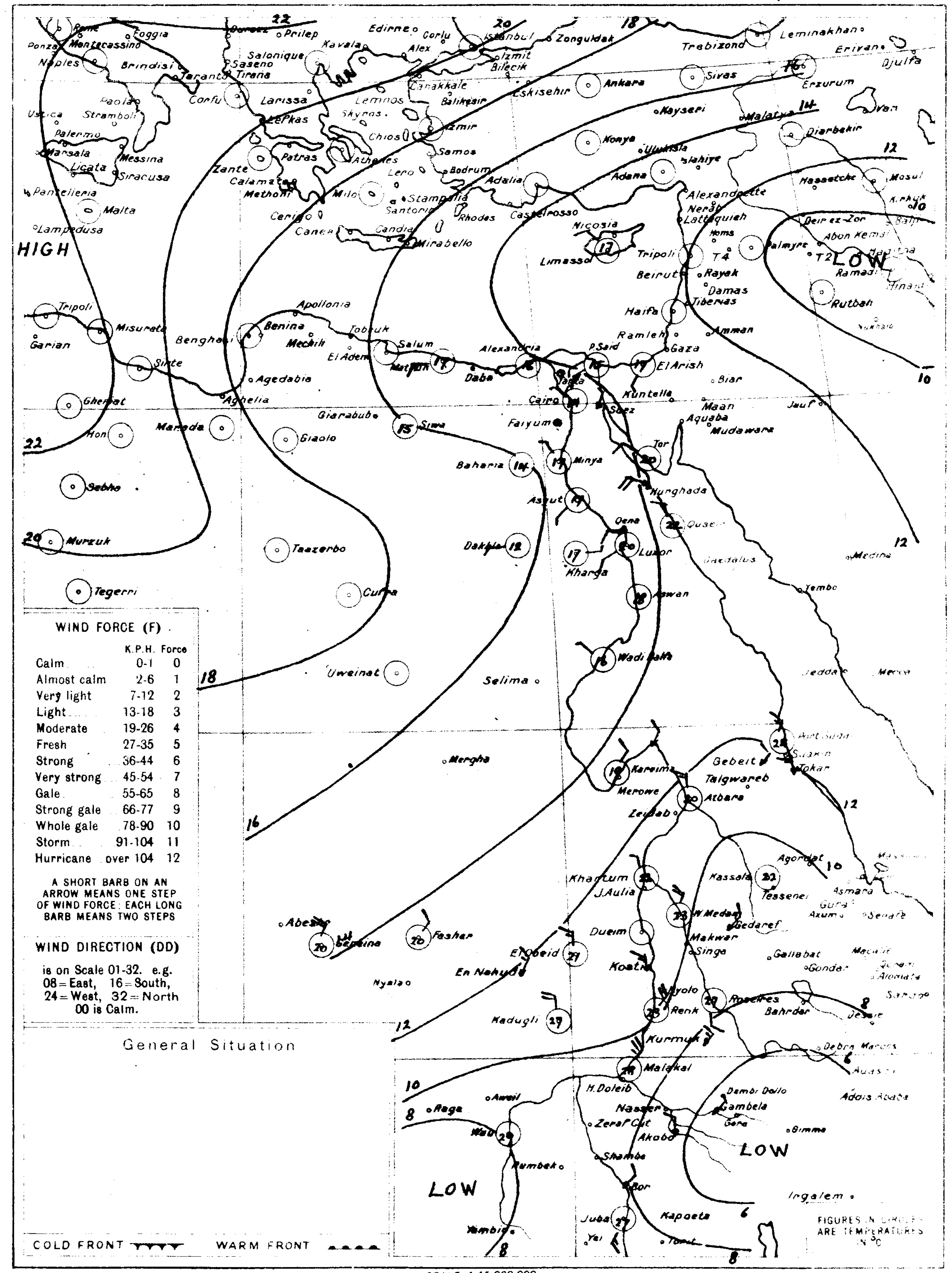
Giza Grass minimum on 2nd 4.2 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
2-4	810	810
1-4	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba					
Nasser				4.82	-0.31
Malakal		9.73	-0.35	9.74	-0.35
Roseires		11.22	-0.12	11.20	-0.15
Sennar Res.	2-4			16.92	—
J. Aulia U.S					
J. Aulia D.S					
Khartum				10.38	+0.15
Kh. el Girba					
Atbara				10.42	+0.46
Kajnarti				132.65	+0.69
Aswan Res.		119.78	—	119.77	—
Aswan D.S.		84.98	0.13	84.98	-0.64
Roda (Cairo)				15.77	+0.26

Isobars, Wind and Temperature at 8 h. 2-4-1945 ١٩٤٥-٤-٢



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

At 8 h. on 2nd (الساعة ٨ يوم ٢)

STATION مرصد	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Max Diff from norm °C	Min Today °C mm	Min Diff from norm °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	0	—	15.1	—	17.8	24	—	9	—	46	0	16	—
Limassol	00	8	28	2	0	2	—	12.4	-1.0	17	—	—	—	—	—	1	629	425
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 18.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Sandstorm	12
Slight Duststorm	15
Slight Thunderstorm	28
Heavy Thunderstorm	29
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Snow	80-89
Snow	70-79
Showers	80-89
Thunderstorm	90-99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visib. over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h 05 m 42
Sunset 18 15

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month April 1945 ١٩٤٥ شهر ابريل

At 14 h. on 2nd — الساعة ١٤ يوم ٢ ; At 8 h. on Tuesday 3rd — الساعة ٨ صباح يوم الثلاثاء ٣

Station	14h Present weather (ww)	14h Visibility (V)	14h Wind Dir (DD)	14h Wind Force (F)	14h Past weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar. press. M.S.L. 1000+ mbs (PPP)	14h Temp °C (TTT)	14h Humidity % (UU)	8h Present weather (ww)	8h Visibility (V)	8h Wind Dir (DD)	8h Wind Force (F)	8h Past weather (W)	8h Cloud Amount (N)	8h Cloud Form (C)	8h Bar pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry bulb °C (TTT)	Max. yesterday °C (MM)	Max. diff. from norm °C	Min. today °C (mm)	Min. diff. from norm °C	Humidity % (UU)	Rainfall past 24 hrs	Rainfall total from Oct 1 mms	Rainfall normal from Oct 1 mms	Station number
MEDITERRANEAN																													
SALUM																													130
MATRUH	00	9	32	2	1	3	6	13.8	17.2	93	02	8	32	2	5	7	6	16.3	+0.8	16.2	18	-3	14	+2	85	1	102	156	131
DIKHEILA																													150
ALEXANDRIA	01	9	26	3	2	4	4	14.3	18.0	65	02	9	00	0	2	5	4	15.1	+0.2	16.6	20	-3	14	0	73	0	254	181	132
DAMIETTA	01	8	30	2	1	4	8	13.1	18.6	70	00	7	20	1	4	0	–	14.4	–	16.2	21		10		86	0	100	101	159
PORT SAID	01	8	30	2	1	4	1	13.1	19.7	57	01	8	28	2	1	4	6	13.9	-0.1	17.3	21	-1	13	-2	73	0	83	72	134
EL 'ARISH	00	9	30	1	0	0	–	11.5	21.2	36	00	9	20	1	0	0	–	—	—	18.1	22	0	11	0	90	0	248	85	135
LOWER EGYPT																													
DAMANHUR	01	7	04	4	1	4	8	13.5	20.3	54	01	6	20	3	1	3	8	14.8	-0.5	14.6	22	-4	10	-1	85	0	128	84	136
MANSURA	01	8	20	2	1	4	8	13.4	22.7	44	00	8	14	1	0	0	–	14.8	–	13.8	23	-3	9	-2	88	0	61	48	137
TANTA	02	8	24	2	2	5	8	13.4	22.0	43	00	8	00	0	0	0	–	15.0	-0.3	15.5	24	-2	8	-2	84	0	58	35	138
ZAGAZIG	02	7	–	2	1	5	8	13.9	21.0	50	00	7	22	2	0	0	–	15.5	+0.3	14.8	23	-3	9	-1	85	0	46	25	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	7	26	3	1	4	8,1	14.4	21.3	33	05	5	08	1	4	4	6	15.8	—	13.3	22		10		89	0	52	—	141
CAIRO EZBEKIYA	02	8	26	3	2	5	8	13.1	23.9	34	09	5	30	1	4	4	8	15.4	-0.2	15.9	24	-3	11	-1	79	0	46	23	
CAIRO GIZA	02	8	26	3	1	5	8	13.2	25.9	24	09	5	30	1	4	4	8	15.2	-0.6	15.2	26	-1	9	-1	80	0	46	22	
HELWAN	00	9	24	4	0	3	8	13.2	21.3	29	05	5	00	0	0	1	0	14.6	-0.2	15.0	23	-4	10	-3	78	0	54	25	143
SUEZ	02	9	02	1	2	5	8	12.7	22.4	44	00	7	02	2	0	0	–	15.4	+0.3	16.8	25	-1	12	-2	81	0	37	15	144
UPPER EGYPT																													
FAIYUM	01	8	30	3	1	4	8	13.2	23.0	32	00	8	32	2	0	0	–	15.2	-0.2	15.8	24	-3	11	0	77	0	75	8	153
MINYA	02	9	28	2	2	5	8	12.7	25.9	28	00	9	28	1	0	0	–	14.8	-0.3	18.2	26	-3	13	+1	58	0	1		154
ASYUT	00	8	22	1	0	0	–	12.8	25.1	22	00	7	22	1	0	0	–	15.0	+0.3	17.3	26	-3	12	-1	51	0	14	4	155
QENA	01	8	26	2	0	4	1	—	27.5	25	00	8	26	2	0	0	–	14.4	+0.7	20.0	28	-6	10	-4	40	0	20		156
LUXOR	00	7	26	3	0	0	–	12.6	28.0	21	00	7	18	2	0	0	–	14.7	–	21.0	29		10		34	0	tr		157
ASWAN	01	9	00	0	1	3	4	11.5	26.0	24	01	9	30	1	1	4	1	15.2	+2.0	18.3	29	-5	14	-3	30	0	dr	—	158
WESTERN DESERT																													
SIWA	03	8	24	4	2	8	6	16.4	23.0	52	03	7	28	4	2	8	5	19.1	+2.7	12.0	25	-3	11	+1	76	0	5	8	148
BAHARIA	01	9	24	2	1	4	–	13.6	24.0	20	00	9	32	1	0	0	-	16.8	+0.7	13.2	25		11		62	0	7		149
KHARGA	00	9	26	1	0	2	1	13.8	26.4	30	00	9	00	0	0	0	–	15.6	+1.2	19.0	28	-4	10	-3	45	0	4	—	151
DAKHLA	00	8	28	2	0	0	–	15.1	24.0	29	00	7	20	2	0	0	–	17.1	+2.2	14.0	26	-6	10	-3	47	0	tr		152
RED SEA																													
TOR	00	6	28	2	0	0	–	11.2	23.2	62	00	6	02	1	0	0	–	—	—	17.1	25	-1	14	-1	60	0	3	13	145
HURGHADA	01	8	02	3	1	4	8	13.1	24.0	33																	8	—	146
QUSEIR	00	8	04	3	0	0	–	12.3	23.8	43	00	8	26	1	0	0	–	12.3	-0.7	21.4	24	-3	17	-1	33	0	20	—	147
PORT SUDAN																										0	82	95	169
NORTH SUDAN																													
WADI HALFA	00	9	14	2	0	1	1	13	27	17	00	9	28	1	0	1	1	16		16					30	0	[illegible]	—	165
KAREIMA	00	8	32	3	0	2	4	10	29	18	00	8	04	3	0	2	1	14		21					20	0	0	1	166
ATBARA	00	8	28	3	0	0	–	7	31	07	18	5	28	5	0	0	–	12		22					23	0	0	2	167
KHARTUM																										0	tr	4	168
KASSALA	00	7	26	2	0	0	–	3	34	39	00	8	28	2	0	0	–	10		22					44	0	9	9	170
CENTRAL SUDAN																													
WAD MEDANI	05	6	02	4	0	0	–	6	34	05	00	8	02	6	0	0	–	11		25					11	0	8	12	171
DUEIM																										0	4	14	173
RENK											00	8	32	5	0	0	–	11		24					29	0	—	49	182
ROSEIRES	00	7	22	2	0	0	–	5	38	25	00	7	32	2	0	0	–	10		23					50	0	1	39	172
EL OBEID	00	8	02	4	1	1	4	–	32	10	00	8	32	3	0	0	–	13		21					23	0	6	17	174
EL FASHER	01	8	04	3	1	4	1	–	33	07	02	8	32	2	1	6	2	–		20					21	0	5	6	175
GENEINA											02	8	04	2	8	8	2	–		21					—	—	—	4	179
KADUGLI	00	7	04	4	0	3	–	5	37	10	01	7	04	4	0	4	1	10		27					09	—	—	93	187
SOUTH SUDAN																													
MALAKAL	00	7	04	4	0	0	–	4	38	05																0	52	95	176
WAU	01	8	10	2	1	4	8	–	37	24	01	8	02	1	1	4	4	9		26					62	0	193	178	177
JUBA	01	8	06	2	0	4	4	–	34	39	25	8	08	2	8	4	8,5	12		27					55	dr	157	198	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 3

Salum	Matruh	Dikheila	Cairo 9 h.	Helwan 8 h. 45 m.	Minya	Asyut	Aswan	Wadi Halfa 7 h.	Kareima 7 h.	Khartum 7 h.	Kassala 7 h.	El Obeid 7 h.	Geneina 7 h.	Juba 7 h.
			02 32 15	02 34 05				10 01 20	10 36 45	10 03 35	10 01 20	10 02 50	10 05 45	10 05 35
			05 32 10	05 31 05				15 34 35	15 32 35	15 08 30	15 01 15	15 03 40	15 06 30	15 05 35
			10 32 10	08 29 15				20 32 50	20 30 25	20 18 10	20 35 10	20 06 65	20 14 35	20 05 30
			15 26 30	10 28 25				35 30 65	40 23 100	35 27 15	35 25 10	25 29 15		25 07 25
			19 27 35	11 27 25						40 25 30	40 26 05			

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 2nd	Diff. from normal	Wet bulb temp °C on 2nd	Diff. from normal
Alexandria	69	+3	13.7	-0.6
Ezbekiya	58	+1	13.9	-0.5
Giza	66	+7	13.5	-0.8
Helwan	58	+15	12.2	-0.5

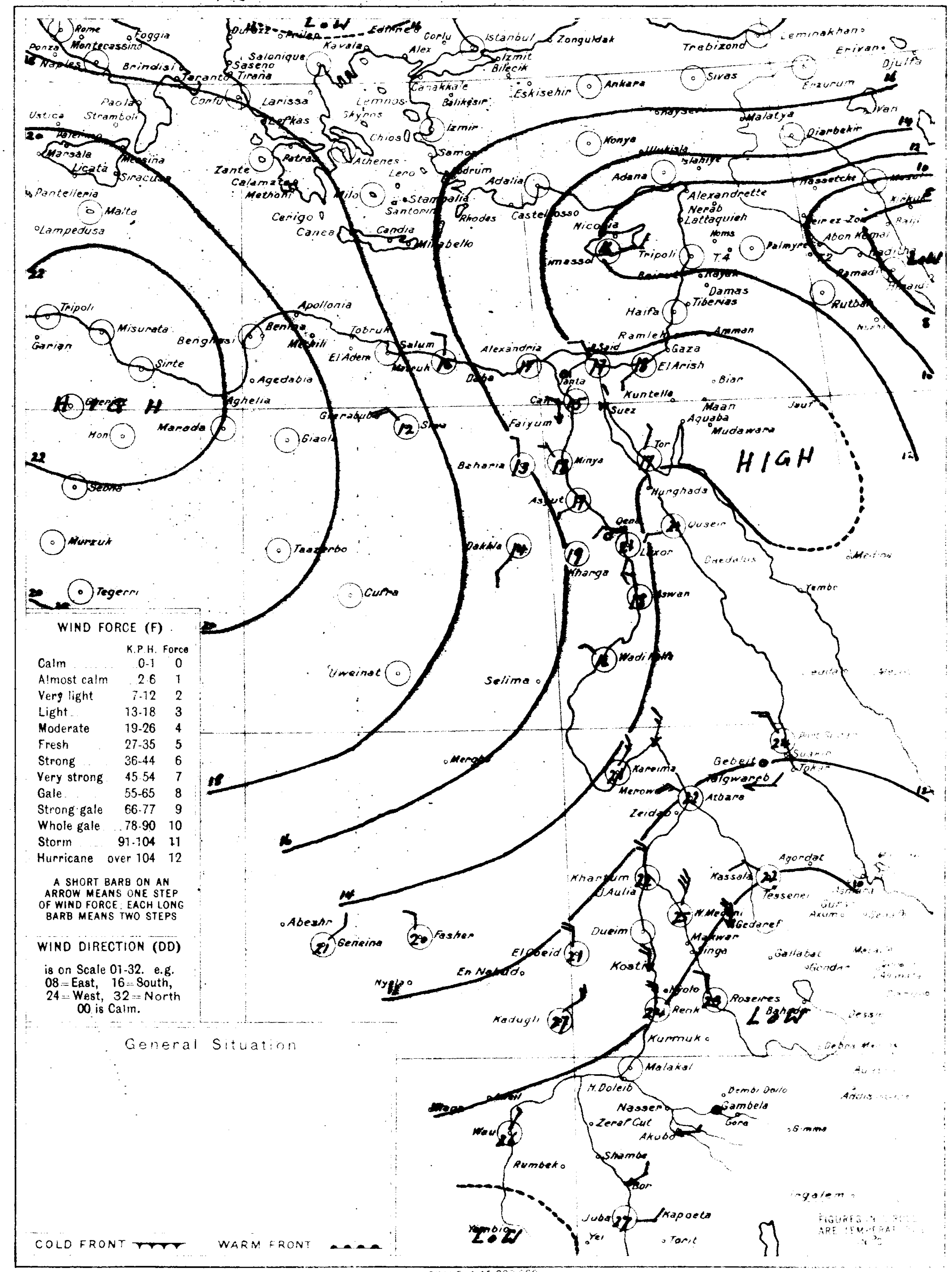
Giza Grass minimum on 3rd 5.8 °C

Discharges at Aswan measured by sluices m.³ per sec.

Date	1945	1944
3 - 4	810	810
2 - 4	810	810

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nasser					
Malakâl	—	9.72	-0.36	9.73	-0.35
Roseires	—	11.26	-0.07	11.22	-0.12
Sennâr Res.	—			16.90	
J. Aulia U.S	4			374.16	
J. Aulia D.S	1			371.65	+0.73
Khartûm	9			10.36	+0.12
Kh. el Girba					
'Atbara	—			10.42	+0.06
Kajnarti				132.62	+0.67
Aswân Res.		109.82		109.70	
Aswân D.S.		86.77	-0.63	86.78	-0.63
Roda (Cairo)		13.77	+0.36	13.77	+0.36

١٩٤٥-٤-٣ Isobars, Wind and Temperature at 8 h. 3.4.1945



PRESENT WEATHER (ww)
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Snow 70-79
Showers 80-90
Thunderstorm 90-99

PAST WEATHER (W)
Variable sky 1
Fog 4
Rain 6
Snow 7
Showers 8
Thunderstorm 9

VISIBILITY (V)
Objects not visible at 50 metres 0
200 1
500 2
1 Km 3

CLOUD AMOUNT (N)
Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

CLOUD FORM (C)
Cirrus 1
Cirro-stratus 2
Cirro-cumulus 3
Alto-cumulus 4
Alto-stratus 5
Strato-cumulus 6
Nimbo-stratus 7
Cumulus 8
Cumulo-nimbus 9
Stratus 0

At 8 h. on 3rd — الساعة ٨ صباح يوم ٣

Station محطة	Present weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry bulb °C (TTT)	Max. yesterday °C (MM)	Diff. from norm °C	Min. today °C (mm)	Diff. from norm °C	Humidity (UU)	Rainfall past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamad	00	6	00	0	0	0	–	16.8	—	16.4	26	—	10	—	44	0	16	—
Limassol	09	7	08	2	0	0	–	11.6	-1.8	15						0	629	426

SHIPS سفن

Remarks

Water Temp.
R. Nile Cairo
13.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 05 h 41 m
Sunset 18 15

Month April 1945 ١٩٤٥ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C

At 18 h. on 3rd ٣ | At 8 h. on Wednesday 4th الساعة ٨ الأربعاء ٤

STATION	18h Present weather	Visibility	Wind Dir	Force	Past weather	Cloud Amount	Form	Bar. press M.S.L. 1000+ mbs	Temp.	Humidity	8h Present weather	Visibility	Wind Dir DD	Force F	Past weather W	Cloud Amount	Form	Bar. press M.S.L. 1000+ mbs	Diff. from normal	Dry bulb	Max. Yesterday	Diff. from norm	Min. Today	Diff. from norm	Humidity	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
																													130
	01	9	32	3	1	4	8	16.0	17.9	88	01	7	28	2	1	4	8	10.6	+3.2	16.0	18	-3	11	-1	87	0	102	156	131
																													150
	01	9	30	2	2	4	5	15.2	18.2	75	02	9	24	2	2	6	4	18.2	+3.3	16.8	20	-3	15	+1	68	dr	254	181	132
	00	8	28	3	1	2	8	13.6	18.5	73	02	8	28	2	2	7	6	17.1	—	16.8	21		13		76	0	100	101	159
	01	8	26	2	1	4	5	13.8	20.6	57	02	8	26	3	2	5	6	16.6	+2.7	16.8	22	0	14	-1	66	0	83	72	134
	00	9	30	1	0	0	-	14.2	20.2	32	01	-	20	1	1	3	8	15.0	+0.5	18.2	20	-2	10	-2	47	0	248	85	135
	01	7	24	4	1	3	8	13.9	20.6	51	00	6	28	2	1	3	8	17.5	+2.5	16.3	22	-4	11	0	79	0	128	94	136
	01	7	32	2	1	4	9	13.5	21.0	49	01	7	28	1	1	3	8	17.5	—	17.0	23	-3	11	0	68	0	61	48	137
	02	8	00	0	1	5	8	13.6	23.8	40	02	8	00	0	1	5	8	18.6	+3.4	15.8	24	-3	10	0	81	0	58	35	138
	00	7	08	2	1	4	8	13.9	22.2	46	03	6	22	2	1	8	9	18.2	+3.0	15.2	23	-4	12	+2	83	0	46	25	139
	01	6	27	2	1	3	8	15.1	21.0	41	05	6	30	1	2	6	6	18.4	—	15.1	23		13		74	0	52		141
	02	8	28	2	2	6	8	14.0	21.8	41	03	6	24	1	2	8	6	18.6	+3.1	15.8	23	-4	13	+1	71	0	46	23	
	02	8	30	2	1	5	8	13.9	22.7	33	09	5	30	2	4	8	6	18.6	+2.9	15.6	23	-4	11	+1	73	0	46	22	
	01	8	26	4	1	4	8	13.6	21.0	38	09	5	00	0	2	8	6	18.3	+3.3	14.9	22	-5	11	-2	83	0	54	25	143
	02	9	30	2	2	5	8	12.8	22.1	48	00	9	02	1	0	0	-	—	—	17.3	25	-1	12	-2	73	0	37	15	144
	02	8	30	3	2	5	6	13.9	22.8	40	01	8	32	3	1	5	6	18.7	+3.3	16.0	24	-3	12	+1	73	0	75	8	153
	02	8	32	2	2	5	8	12.7	27.6	25	00	9	32	3	0	0	-	18.0	+3.0	16.3	28	-1	12	0	75	0	1		154
	01	7	22	2	1	4	8	13.4	24.6	27	00	6	26	1	0	0	-	18.0	+3.4	16.0	26	-4	10	-3	69	0	14	4	155
	01	9	24	1	0	4	3	11.8	28.4	25	00	7	26	2	1	0	-	17.0	+3.3	18.2	30	-4	11	-3	48	0	20		156
	00	7	32	1	0	0	-	12.2	27.7	20	00	7	06	1	0	0	-	17.1	—	22.0	29		10		43	0	tr		157
	00	9	28	2	0	0	-	11.2	27.3	14	00	9	28	1	0	0	-	17.1	+3.9	18.4	28	-6	14	-3	29	0	dr	-	158
	02	8	24	2	1	6	4	18.3	22.5	41	00	7	00	0	0	0	-	19.9	+3.6	15.2	24	-4	8	-2	66	0	5	8	148
	01	9	32	1	1	4	-	15.9	21.0	34	00	9	00	0	0	0	-	20.0	+4.1	14.5	24		9		76	0	7		149
	00	9	32	2	0	3	1	14.2	25.3	23	00	9	12	1	0	2	1	18.2	+3.9	16.3	27	-5	11	-3	49	0	4	-	151
	00	8	28	3	0	0	-	14.8	24.0	39	00	7	20	1	0	0	-	19.9	+5.1	12.2	26	-6	10	-3	62	0	tr		152
	00	6	28	2	0	0	-	12.3	24.1	59	00	6	28	1	0	0	-	15.4	+2.2	19.4	—	—	14	-1	70	0	3	13	145
											00	9	28	2	0	0	-	17.4	+4.3	20.0	25	-2	14	0	41	0	8	—	146
	00	8	04	3	0	0	-	12.3	22.0	71	00	8	30	2	0	0	-	15.0	+2.0	21.0	24	-3	17	-2	41	0	20	—	147
																										0	82	95	169
	00	9	26	4	0	2	1	13	27	17	00	9	30	3	1	3	1,4	17			18				37	0	dr		155
	00	8	04	4	0	1	1	11	29	06	00	8	04	3	1	3	1,4	15			21				15	0	0	1	166
	00	6	28	4	0	0	-	8	32	08	18	6	32	4	0	0	-	13			22				21	0	0	2	167
																										0	tr	4	168
	00	8	28	3	0	0	-	5	36	17	00	8	30	2	0	0	-	10			22				61	0	9	9	170
	00	8	32	4	0	0		6	35	11	00	8	32	5	0	3	1	13			24				12	0	8	12	171
																										0	4	14	173
	00	9	28	3	0	0	-	3	37	11	00	9	32	3	0	0	-	11			25				09	—	—	49	182
	00	7	16	2	0	0	-	4	34	30	00	7	28	2	0	0	-	11			24				47	0	1	40	172
	00	9	02	3	0	0	-	6	32	16	01	9	02	4	0	4	1,4	13			21				17	0	6	17	174
	02	8	04	3	1	6	2	—	—	—	01	8	32	3	1	5	2,4	—			21				33	0	5	6	175
											02	9	02	4	2	7	4,5	—			21				—	—	—	4	179
											01	8	04	4	0	4	1	11			26				78	—	—	93	187
											00	8	02	6	0	3	4	9			27				14	0	52	96	176
	00	8	14	1	1	2	1	3	38	21	01	8	00	0	1	3	1,4	10			24				32	0	193	180	177
	01	8	06	2	1	4	8	5	38	21	10	8	00	0	1	6	4,8	10			27				66	0	157	201	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

PORT SAID	HELWAN 9 h	[illegible] 7 h	ASWAN 7 h	WADI HALFA 7 h	KAREIMA 7 h	~~KHARTOUM~~ Fasher 7 h	KASSALA 7 h	EL OBEID 7 h	MALAKAL	JUBA 7 h
	02 33 10	02 32 20	02 34 05	30 02 55	10 03 40	10 04 25	10 36 10	10 02 65		10 31 10
	05 32 10	05 35 15	05 01 25	15 36 25	15 03 30	15 07 20	15 03 05	15 04 50		15 34 02
	08 34 15	10 33 25	10 36 25	20 35 20	20 32 15	20 15 05	20 04 05	20 35 15		25 06 15
		15 34 35	15 27 10	30 33 30	30 31 20	30 34 10		50 34 25		40 07 15
	Cnt. St.	20 33 25	20 27 05		40 06 55	40 26 10		40 32 05		50 08 15
		25 31 25	25 30 20		45 26 55			50 26 05		
		30 30 30			55 27 45					

Forecast for ... from noon on ...

عمر ... حمى سطوح ... الجو ...

Station	Mean of day Humidity 3rd	Diff. from normal	Water temp. 3rd	Diff. from normal
[illegible]	70	+4	14.3	-0.2
E...	69	+12	13.9	-0.6
Giza	73	+14	14.1	-0.3
[illegible]	65	+22	13.4	+0.7
Giza	4th		7.4	

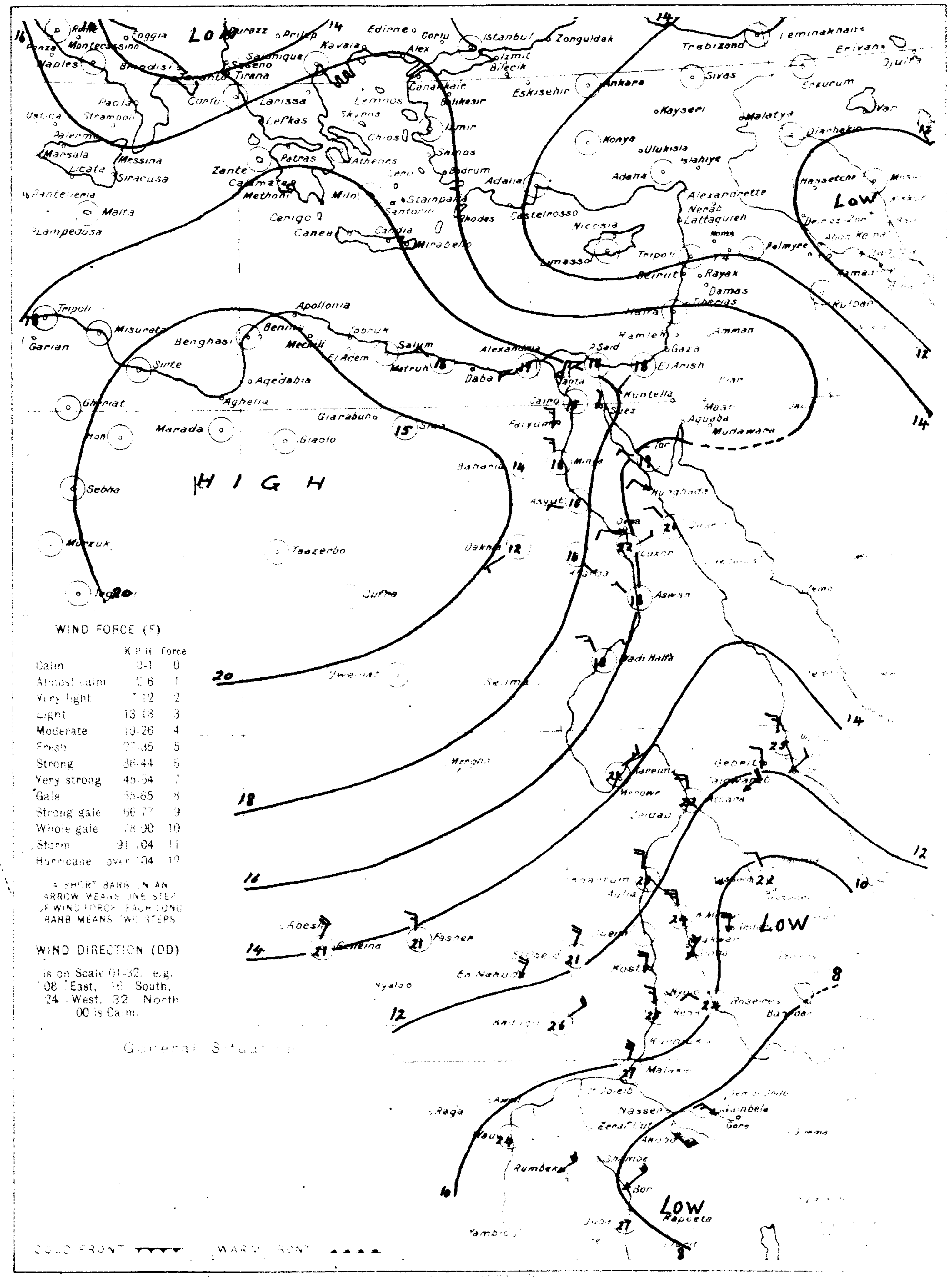
Discharges at Aswan measured by sluices m.³ per sec.

Date	1945	1944
4 - 4	810	810
3 - 4	810	810

Gauge	Date 1945	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Juba	4-4-1945				
Nasser				4.88	-0.31
Malakal		9.74	-0.35	9.72	-0.36
Roseires		11.27	-0.06	11.26	-0.07
Sennar Res.				16.82	
J. Aulia U.S.					
J. Aulia D.S.					
Khartoum				10.37	+0.11
Kh. el Girba					
Atbara				10.40	+0.43
Kajnarti				132.60	+0.66
Aswan Res.		119.81		119.81	
Aswan D.S.		84.77	-0.63	84.77	-0.63
Roda (Cairo)		15.75	+0.24	15.77	+0.26

Printed by the Survey & Mines ... 1939 (39 ...)

١٩٤٥-٤-٤ Isobars, Wind and Temperature at 8 h. 4-4-1945



PRESENT WEATHER
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04

At 8 h. on 4th

STATION	Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount	Form	Bar. pressure M.S.L. 1000+ mbs	Diff. from normal	Dry bulb	Max. Yesterday	Diff.	Min.	Diff.	Humidity	Rainfall Past 24 hrs	Total	Normal
N. Hamadi	00	8	00	0	0	0	-	17.6	—	18.0	26	—	12	—	45	0	16	—
Limassol	09	7	00	0	0	0	-	13.6	+0.4	16	—	—	—	—	—	1	630	427

SHIPS سفن

Water Temp.
R. Nile Cairo
19.0 °C.

HOURS ARE ... STANDARD TIME ... AND ARE ... ON GREENWICH MERIDIAN

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO

Time of Sunrise h 05 m 48

Sunset 18 16

Month April 1945 ١٩٤٥ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	At 14 h on 4th: Present weather ww	V	Wind DD	F	Past weather W	Cloud N	C	Bar. press M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	At 8 h on Thursday 5th: Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	00	9	32	2	0	0	–	19.0	18.0	71	00	9	10	1	0	0	–	23.5	+8.1	16.4	18	–4	8	–4	73	0	102	156	131
DIKHEILA																													150
ALEXANDRIA	01	9	28	3	2	4	8	19.0	18.8	66	00	8	00	0	0	0	–	23.0	+8.2	18.2	20	–3	14	0	91	0	254	181	132
DAMIETTA	00	8	28	3	1	0	–	17.6	15.8	71	00	7	00	0	4	0	–	22.6	–	15.6	21		10		93	0	100	101	159
PORT SAID	00	8	30	3	0	0	–	17.4	21.0	57	01	8	28	3	1	4	8	22.6	+8.7	17.8	22	0	13	–2	71	0	82	72	134
EL ARISH											00	9	00	0	0	0	–	23.4	+8.9	19.0	26	+3	10	–2	72	0	248	86	135
LOWER EGYPT																													
DAMANHUR	01	7	28	3	1	3	8	17.9	21.	51	00	6	04	2	0	3	8	23.0	+8.1	16.2	23	–3	10	–1	87	0	128	94	136
MANSURA	01	7	02	2	1	4	8	17.8	22.0	50	41	7	12	2	4	0	–	23.2	–	15.5	25	–1	8	–3	82	0	61	48	137
TANTA	01	8	00	0	1	4	8	17.5	24.0	46	00	8	00	0	0	0	–	23.2	+8.0	14.0	27	0	7	–3	90	0	58	35	138
ZAGAZIG	02	7	24	2	0	1	5	18.2	22.5		00	7	02	2	0	0	–	23.6	+8.5	15.8	23	–4	9	–1	80	0	46	25	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	7	32	2	0	3	8	19.0	21.1	49	05	6	07	2	2	3	6	23.0	–	15.1	23	–	12		77	0	52		141
CAIRO EZBEKIYA	00	8	28	1	0	3	8	18.2	22.2	48	05	6	24	1	0	3	6	23.1	+7.7	16.6	24	–3	12	0	73	0	46	23	
CAIRO GIZA	01	8	30	1	1	4	8	17.6	22.8	41	09	5	30	1	4	3	6	23.2	+7.6	15.2	24	–3	9	–1	81	0	46	22	
HELWAN	05	7	26	4	0	1	8	17.8	20.4	44	00	6	00	0	0	0	–	23.0	+8.1	16.0	22	–5	12	–1	69	0	54	25	143
SUEZ	00	9	02	1	0	0	–	16.7	22.2	46	00	9	30	1	0	0	–	23.2	+8.2	17.4	25	–1	12	–2	77	0	37	15	144
UPPER EGYPT																													
FAIYUM	01	8	30	3	1	3	8	18.0	21.7	41	00	8	02	3	0	0	–	23.1	+7.8	16.2	23	–4	11	–1	76	0	75	8	153
MINYA	00	9	30	2	0	0	–	17.5	23.6	32	00	9	32	1	0	0	–	22.4	+7.5	17.0	25	–4	10	–2	70	0	1		154
ASYUT	00	7	26	1	0	0	–	16.8	24.0	21	00	6	22	1	0	0	–	21.9	+7.3	17.1	25	–5	10	–3	54	0	14	4	155
QENA	00	9	22	2	0	0	–	14.4	28.2	23																			156
LUXOR	00	7	32	1	0	0	–	14.7	27.4	26	00	7	26	2	0	0	–	20.6	–	20.2	29		11		39	0	tr.		157
ASWAN											00	9	32	1	0	0	–	19.0	+5.9	18.4	29	–5	15	–3	37	0	dy.	–	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	–	19.5	25.0	47	00	7	00	0	0	0	–	22.4	+6.2	16.0	26	–2	8	–3	69	0	5	8	148
BAHARIYA	00	9	32	2	0	0	–	20.0	22.4	34	00	9	00	0	0	0	–	23.0	+7.2	14.2	24		9		68	0	7		149
KHARGA	00	9	28	3	0	3	1	16.3	24.9	30	00	8	04	3	0	3	1	21.0	+6.8	19.3	26	–6	12	–2	47	0	4	–	151
DAKHLA	00	8	28	3	0	0	–	17.4	24.1	47	00	7	28	1	0	0	–	21.9	+7.2	13.8	25	–7	11	–2	57	0	tr.		152
RED SEA																													
TOR	00	6	00	0	0	0	–	15.6	22.6	65	00	6	32	1	0	0	–	19.9	+6.8	20.5	25	–1	14	–1	51	0	3	13	145
HURGHADA	01	8	02	4	1	4	8	15.1	23.2	44	00	9	27	4	0	0	–	19.8	+6.8	20.0	25	–3	14	–1	47	0	8	–	146
QUSEIR	00	8	32	3	0	0	–	15.0	22.4	63	00	8	30	3	0	0	–	18.4	+5.5	21.4	23	–4	18	–1	46	0	20	–	147
PORT SUDAN																										0	82	95	169
NORTH SUDAN																													
WADI HALFA	01	9	30	4	1	3	1	14	27	13	00	8	32	3	0	0	–	19		18					37	0	dy.		165
KAREIMA	00	8	04	4	0	2	1	11	30	09	00	8	04	3	0	1	1	16		21					17	0	0	1	166
ATBARA	00	7	32	3	0	0	–	8	31	09	00	7	32	4	0	0	–	13		22					25	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	28	3	0	0	–	7	37	18	00	8	02	4	0	0	–	10		25					45	~~7~~ 0	9 ~~12~~	9	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	32	4	0	0	–	6	34	08	00	7	02	5	0	2	3	12		25					15	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	8	28	3	0	0	–	5	36	09	00	9	28	3	0	0	–	11		27					14	–	–	49	182
ROSEIRES	00	7	16	2	0	0	–	2	38	29	00	7	28	2	0	0	–	9		26					37	0	1	40	172
EL OBEID	01	9	02	4	1	3	1	8	31	08	02	8	02	4	1	7	2	13		23					15	0	6	17	174
EL FASHER	02	9	32	3	1	6	2	–	31	11	01	8	04	2	0	3	1	–		19					21	0	5	6	175
GENEINA											01	8	04	3	1	4	4,2	–		21					78	–	–	4	179
KADUGLI	01	7	04	4	1	4	1	5	37	05	02	8	04	4	1	5	1	7		27					19	–	–	93	187
SOUTH SUDAN																													
MALAKAL	01	8	02	4	1	4	4	4	38	09	01	8	32	5	1	5	1	10		27					19	0	62	97	176
WAU	02	8	02	1	1	8	1	5	36	12																0	193	182	177
JUBA	02	8	08	2	1	5	4,5	6	33	32	22	8	00	0	8	6	6,4,5	12		26					58	3	~~157~~ 160	204	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS 5-4

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM (FASHER)	KASSALA	EL OBEID	MALAKAL (GENEINA)	JUBA
h m	h m	h m	h m	8 h 30 m	h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m
				02 02 02		02 05 10	02 02 20	10 04 40	10 04 55	10 04 30	10 04 30	10 03 70	10 05 [illegible]	[illegible] 06 35
				05 04 15		05 02 25	05 04 20	15 02 25	15 02 10	15 06 45	15 02 45	15 04 40	15 07 30	20 04 45
				08 01 20		10 36 30	10 04 35	20 01 15	20 02 20	20 36 15	20 30 15	20 04 20	20 08 20	30 03 35
				10 01 20		15 02 30	15 01 25	30 31 30	30 31 30	30 02 15		30 02 30	30 27 05	
				15 03 20		20 03 35	20 34 20	40 30 40	40 29 25	40 35 15		40 36 15	40 15 25	
				20 04 15		25 04 25		45 28 40	45 25 25			45 32 15	45 20 20	
				23 01 10		30 07 15			50 26 20				50 25 15	
				25 02 15										
				27 01 15										

Forecast for 24 hours from noon on

تغيرت طقس المنطقة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 4th	Diff. from normal	Wet bulb temp. °C on 4th	Diff. from normal
Alexandria	7	1	14.3	–0.3
Ezbekiya	62	+5	14.4	–0.2
Giza	65	+6	14.8	+0.3
Helwan	63	+20	13.6	+0.8
Giza Grass minimum	6		5.3	°C

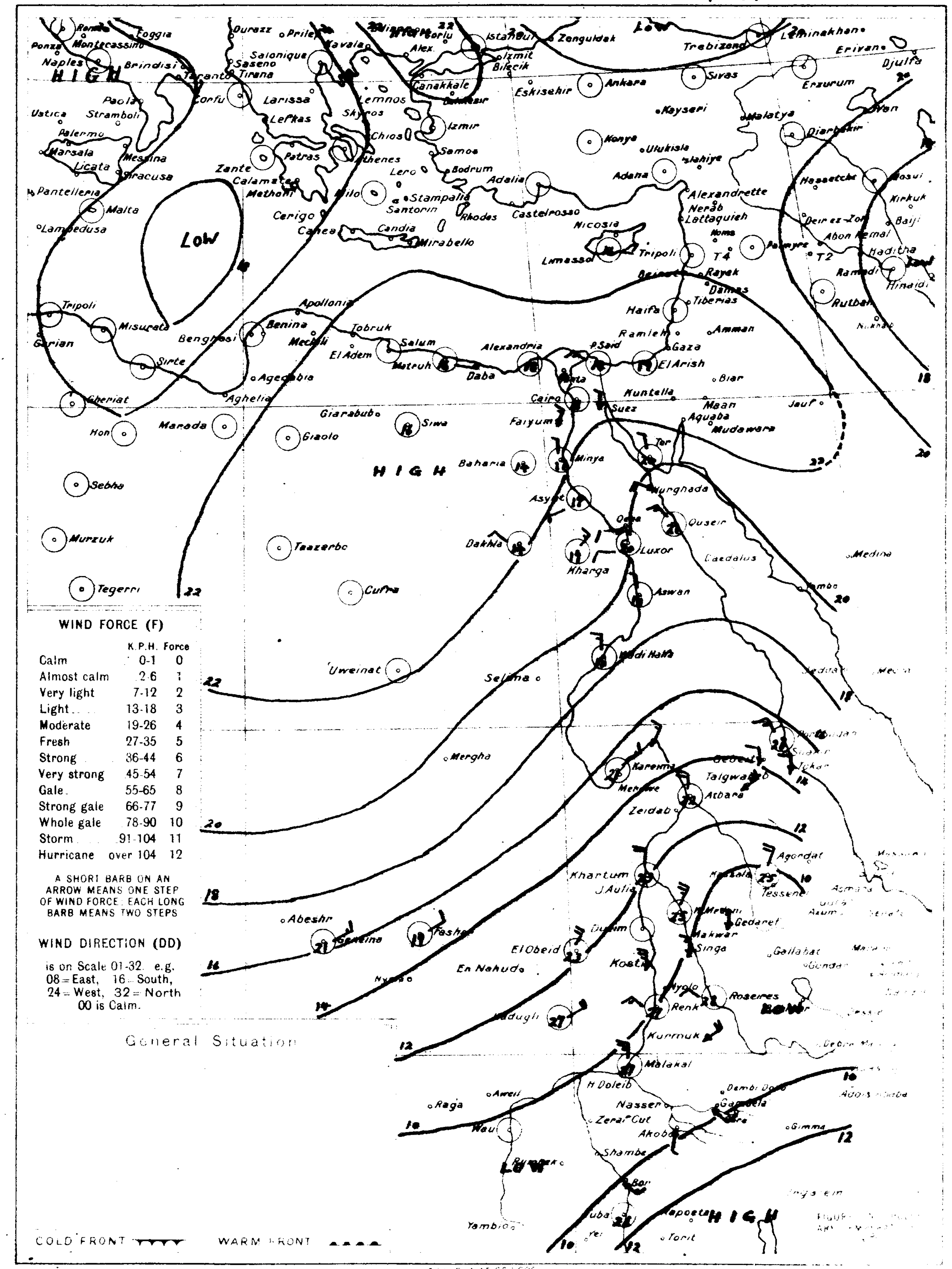
Discharges at Aswan measured by sluices m³ per sec

DATE	1945	1944
5-4	810	810
4-4	810	810

GAUGE	Date 1945	Reading m	Diff. from normal m	Previous day Reading m	Diff. from normal m
Jûba				12.39	–0.89
Nasser					
Malakal				9.71	–0.35
Roseires	5-4-1945	11.29	–0.04	11.27	–0.06
Sennar Res				16.75	
J. Aulia U.S				374.00	
J. Aulia D.S				371.63	+0.71
Khartum				10.37	+0.10
Kh. el Girba					
Atbara				10.36	+0.39
Kajnarti				132.58	+0.66
Aswân Res.		119.81		119.88	
Aswân D.S.		84.97	–0.63	84.97	–0.63
Roda (Cairo)		15.75	+0.25	15.75	+0.24

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥/٤/٥ Isobars, Wind and Temperature at 8 h. 5.4.1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

STATION محطة	At 8 h on 5th: Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max Yesterday MM	Diff from norm	Min Today	Diff from norm	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	00	0	0	0	–	20.3	–	17.7	28	–	9	–	41	0	16	–
Almatad	09	6	10	2	0	0	–	20.7	+7.5	18	–	–	–	–	–	0	630	427

SHIPS سفن

Water Temp R. Nile Cairo 19.2°C.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
Thunderstorm	90-99

PAST WEATHER (W)

Clear	0
Variable sky	1
Mainly overcast	2
Sandstorm	3
Fog or thick dust haze	4
Drizzle	5
Rain	6
Snow	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2-3 Tenths	3
4-5-6 Tenths	4
7-8 Tenths	5
9 Tenths	6
	7
	8
	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 05 39
Sunset 18 16

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month APRIL, 1945 ١٩٤٥ شهر أبريل

At 14 h. on 5th الساعة ١٤ يوم ٥ — At 8 h. on FRIDAY, 6th الساعة ٨ يوم الجمعة ٦

Region	Station	14h Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press M.S.L. 1000+ mbs PPP	°C Temp TTT	% Humidity UU	8h Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALUM																													130
	MATRUH	00	9	08	3	0	0	—	22.6	18.8	63	01	9	12	1	1	3	8	22.0	+6.7	17.0	20	-2	11	-1	57	0	102	166	131
	DIKHEILA																													150
	ALEXANDRIA	00	9	00	0	0	0	—	23.2	19.3	68	02	6	12	1	2	7	4	23.2	+8.4	17.0	21	-2	13	-1	70	0	254	181	132
	DAMIETTA	00	8	08	2	0	0	—	22.7	20.0	66	00	8	10	2	0	0	—	22.2	—	18.6	22		14		79	0	100	101	159
	PORT SAID	00	8	32	2	0	0	—	22.0	20.8	63	00	9	04	2	0	2	1	22.0	+8.2	17.8	22	-1	16	0	74	0	83	73	134
	EL ARISH	00	9	30	2	0	0	—	22.4	18.5	71	00	9	00	0	0	0	—	22.3	+7.9	19.0	20	-3	10	-2	72	0	248	86	135
LOWER EGYPT	DAMANHUR	01	7	08	2	1	3	8	22.2	23.8	31	41	5	08	2	4	5	8	22.3	+7.4	15.2	25	-1	11	0	96	0	128	94	136
	MANSURA	01	8	08	2	1	4	8	22.7	25.0	39	01	7	08	2	1	3	8	22.8	—	18.2	26	0	12	+1	75	0	61	48	137
	TANTA	00	8	00	0	0	0	—	22.3	25.5	39	00	8	00	0	0	0	—	23.2	+8.1	13.3	26	-1	7	-4	88	0	58	35	138
	ZAGAZIG	00	7	02	2	0	2	8	22.3	23.2	40	00	7	20?	2	0	0	—	22.8	+7.7	16.9	24	-3	10	-1	79	0	46	25	139
MIDDLE EGYPT	CAIRO ALMAZA	00	8	02	3	0	0	—	22.0	24.1	26	00	7	06	3	0	0	—	23.0	—	16.0	25	—	13	—	77	0	52	—	141
	CAIRO EZBEKIYA	00	8	32	2	0	0	—	—	23.6	36	08	4	32	2	4	0	—	21.4	+6.1	15.5	25	-2	13	0	77	0	46	23	—
	CAIRO GIZA	00	8	30	2	0	0	—	20.8	24.7	29	09	5	02	2	4	0	—	21.1	+5.6	15.4	25	-2	10	0	78	0	46	22	—
	HELWAN	00	8	02	5	0	0	—	20.8	24.4	19	00	7	02	4	0	0	—	21.8	+6.9	16.4	25	-2	12	-1	66	0	54	25	143
	SUEZ	00	9	02	2	0	0	—	21.2	24.8	37	00	9	30	3	0	0	—	21.9	+6.9	18.1	25	-2	12	-2	70	0	37	15	144
UPPER EGYPT	FAIYUM	00	8	32	3	0	0	—	21.0	24.8	21	00	8	32	3	0	0	—	21.8	+6.6	16.9	26	-1	11	-1	69	0	75	8	153
	MINYA	00	9	32	2	0	0	—	20.4	26.2	26	01	8	32	3	1	3	1	21.0	+6.2	15.8	27	-2	11	-1	68	0	1	—	154
	ASYUT	00	8	30	1	0	0	—	19.0	26.2	18	01	7	22	1	1	3	2	20.6	+6.1	16.8	28	-2	9	-4	44	0	14	4	155
	QENA	01	8	26	2	0	3	1	16.8	29.3	18	01	7	28	2	0	3	1	19.2	+5.7	17.0	32	-2	13	-2	40	0	20	—	156
	LUXOR	00	7	32	2	0	0	—	17.8	29.0	23	00	7	30	2	0	0	—	19.4	—	20.0	31	—	11	—	36	0	tr.	—	157
	ASWAN	00	9	32	2	0	0	—	15.5	28.0	17	01	9	00	0	1	3	4	18.2	+5.1	20.0	30	-4	14	-4	19	0	tr.	—	158
WESTERN DESERT	SIWA	00	8	28	3	0	0	—	21.9	27.2	48	00	7	00	0	0	0	—	22.2	+6.1	16.0	30	-2	11	0	61	0	5	8	148
	BAHARIYA	00	9	04	2	0	0	—	20.8	24.4	26	00	8	00	0	0	0	—	22.2	+6.5	16.0	27	—	11	—	57	0	7	—	149
	KHARGA	00	9	04	3	0	3	1	17.9	26.9	38	00	9	32	2	0	0	—	18.7	+4.6	19.4	28	-4	14	0	45	0	4	—	151
	DAKHLA	00	8	32	1	0	0	—	19.1	26.2	43	00	7	24	2	0	0	—	19.8	+5.2	16.5	27	-5	12	-1	56	0	tr.	—	152
RED SEA	TOR	00	6	28	2	0	0	—	16.0	22.9	66	00	6	28	2	0	0	—	19.5	+6.5	19.8	23	-4	11	-4	76	0	3	13	145
	HURGHADA	00	9	02	2	0	0	—	—	24.0	33																	8	—	146
	QUSEIR	00	8	32	3	0	0	—	18.7	23.8	47	00	8	30	2	0	0	—	18.0	+5.2	21.3	24	-3	17	-2	46	0	20	—	147
	PORT SUDAN																										0	82	95	169
NORTH SUDAN	WADI HALFA	00	6	30	3	0	1	4	15	28	18	02	8	30	1	1	5	4,5	17		19					32	0	tr.	—	165
	KAREIMA	00	8	04	4	0	1	—	12	32	06	00	8	06	3	1	2	4	14		24					15	0	0	1	166
	'ATBARA	00	7	04	2	0	0	—	8	34	12	01	8	02	3	1	3	4	12		23					27	0	0	2	167
	KHARTUM																										0	tr.	4	168
	KASSALA	00	7	02	4	0	0	—	5	37	24	00	8	18	1	0	0	—	9		24					50	0	9 (~~12~~)	9	170
CENTRAL SUDAN	WAD MEDANI	01	8	32	4	0	3	2	6	37	07	00	8	02	4	0	3	1	11		25					19	0	8	12	171
	DUE'M																										0	4	14	173
	RENK											00	9	32	3	0	0	—	9		27		—		—	13	—	—	50	182
	ROSEIRES	00	7	16	2	0	0	—	1	40	36	00	7	32	2	0	0	—	9		25					54	0	1	41	172
	EL OBEID	02	9	02	3	1	6	2	8	32	06	01	9	02	3	1	3	1	12		24					18	0	6	17	174
	EL FASHER	01	8	04	3	1	3	4,1	—	32	09	00	8	00	0	0	0	—	—		19					28	0	5	6	175
	GENEINA	01	8	04	2	1	3	1	—	33	04	00	8	02	5	0	0	—	—		22					17	—	—	4	179
	KADUGLI	02	8	04	4	1	5	2	7	34	07	00	8	02	4	0	1	1	10		28					10	—	—	93	187
S. SUDAN	MALAKAL	01	8	02	4	1	5	4	5	37	09	01	8	02	6	1	4	1	9		28					16	0	52	98	176
	WAU	02	8	04	1	1	6	2	6	37	09	02	8	00	0	1	5	4,2	11		24					26	0	193	184	177
	JUBA	01	8	32	2	1	4	4,1	7	36	27	01	8	04	1	0	4	4,2	11		28					45	0	157 / 160	207	178

UPPER WINDS ON 6th الرياح العليا يوم ٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA 7 h.	KAREIMA 7 h.	FASHER 7 h.	KASSALA 7 h.	EL OBEID 7 h.	GENEINA 7 h.	JUBA 7 h.
								10 05 50	10 05 45	10 01 20	10 05 10	10 05 65	10 04 50	10 05 35
								15 03 25	15 02 30	15 05 35	15 03 15	15 06 40	15 07 50	15 03 30
								20 04 20	20 04 20	20 06 35	20 02 20	20 05 35	20 05 50	20 07 20
								30 23 20		30 08 35	35 29 10	30 10 15	30 18 03	35 17 20
								40 29 25		40 12 20		40 07 20	40 11 10	
								45 26 40		45 16 30		45 12 15	45 23 25	
								50 27 45		50 16 10				
								55 27 55		55 15 15				
										60 15 25				

Forecast for 24 hours from noon on

تغيرات طقس المنطقة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 5th	Humidity Diff. from normal	Wet bulb temp °C on 5th	Wet bulb Diff. from normal
Alexandria	87	+21	15.0	+0.3
Ezbekiya	61	+5	14.5	-0.2
Giza	60	+2	15.6	+1.1
Helwan	48	+5	13.0	+0.1

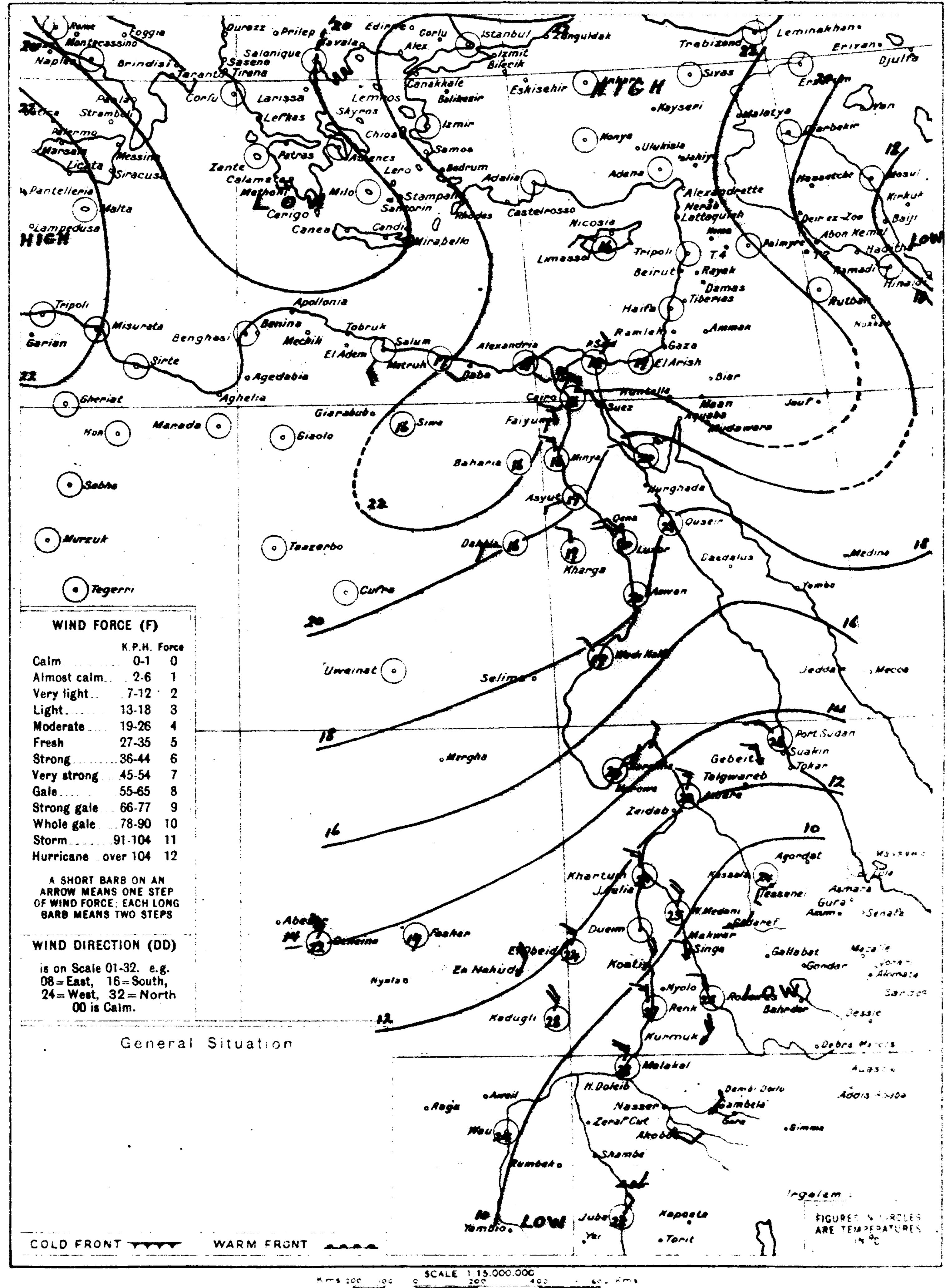
Giza Grass minimum on 6th: 6.1 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
6-4	810	810
5-4	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Júba		12.42	-0.87	12.43	-0.85
Násser		5.02	-0.22	4.94	-0.28
Malakál		9.70	-0.35	9.70	-0.35
Roseires		11.29	-0.04	11.29	-0.04
Sennár Res.		16.57	—	16.66	—
J. Aulia U.S		373.86	—	373.93	—
J. Aulia D.S		371.60	+0.69	371.63	+0.72
Khartum		10.35	+0.05	10.35	+0.07
Kh. el Girba					
'Atbara		10.35	+0.38	10.36	+0.39
Kajnarti		132.58	+0.88	133.57	+0.86
Aswán Res.		119.84	—	119.81	—
Aswán D.S.		84.77	-0.63	84.77	-0.63
Róda (Cairo)		15.70	+0.30	15.75	+0.35

Isobars, Wind and Temperature at 8 h. 6-4-1945 ١٩٤٥-٤-٦



STATION	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday °C	Max. Diff. from norm. °C	Min. Today °C	Min. Diff. from norm. °C	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	00	0	0	0	—	19.2	—	16.5	30	—	9	—	47	0	16	—
Limassol	09	7	26	2	0	0	—	22.7	+9.5	16	—	—	—	—	—	0	630	428
SHIPS سفن																		

At 8 h. on 6th الساعة ٨ يوم ٦

Remarks
Water Temp. River Nile Cairo 19.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww
Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
Thin Haze 05
Dust Devils 06
Distant Lightning 07
Light Mist or Haze 08
Distant Fog 09
Rain in sight 10
Thunder, no rain 11
Distant Duststorm 12
Squally 14
Slight Duststorm 18
Rain in past hour 20-29
Slight Thunderstorm 28
Heavy Thunderstorm 29
Duststorm 30-34
Fog or Thick Haze 40-49
Mod. Fog in last hour 41
Thick 42
Fog in patches 49
Drizzle 50-59
Rain 60-69
Rain and Fog 67
Rain and Snow 68, 69
Snow 70-79
Showers 80-89
of Snow 83, 84
of Sleet 85, 86
of Hail 88, 89
Thunderstorm 90-99
ended, now Rain 91
with Hail 94-96
with Duststorm 98
heavy, with Hail 99

PAST WEATHER (W)
Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)
Objects not visible at
50 metres 0
200 1
500 2
1 Kilometre 3
2 4
4 5
10 6
20 7
50 8
Visible over 50 kms 9

CLOUD AMOUNT (N)
Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

CLOUD FORM (C)
Cirrus 1
Cirro-stratus 2
Cirro-cumulus 3
Alto-cumulus 4
Alto-stratus 5
Strato-cumulus 6
Nimbo-stratus 7
Cumulus 8
Cumulo-nimbus 9
Stratus 0

Printed by the Survey & Mines Dept. 1938, 38 554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

CAIRO
Time of Sunrise h m 05 37
Sunset 18 17

Month APRIL, 1945 ١٩٤٥ شهر أبريل

At 14 h. on 6th ٦ الساعة ١٤ يوم — At 8 h. on SATURDAY, 7th السبت ٧ الساعة ٨ يوم

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press M.S.L. 1000+ mbs PPP	14h Temp TTT	14h Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max Diff from norm °C	Minimum Today °C mm	Min Diff from norm °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALÛM																													130
MATRÛH	00	9	08	1	0	0	—	20.3	21.8	65	12	7	20	4	3	0	—	14.7	-0.5	21.0	24	+2	14	+2	27	0	102	156	131
DIKHEILA																													150
ALEXANDRIA	01	9	04	2	2	4	8	20.8	19.4	74	00	8	12	3	0	0	—	17.2	+2.5	16.0	22	-1	13	-1	77	0	264	181	132
DAMIETTA	01	8	04	2	1	5	4	20.7	19.2	69	00	6	14	2	4	2	8	17.1	—	18.3	21	—	12		85	0	100	101	159
PORT SAÏD	01	8	04	3	1	4	4	19.8	19.7	70	00	8	10	3	0	3	4	16.6	+2.8	17.3	21	-2	14	-1	77	0	83	73	134
EL 'ARISH	00	9	32	2	0	0	—	19.8	19.0	76	00	9	00	0	0	0	—	17.2	+2.9	18.8	21	-2	14	+2	69	0	248	86	135
LOWER EGYPT																													
DAMANHÛR	01	7	32	3	1	4	3	21.1	21.2	50	00	5	16	2	4	0	—	17.5	+2.7	15.2	26	0	11	0	87	0	128	94	136
MANSURA	01	7	02	2	1	4	8	20.3	24.5	36	40	4	12	1	4	0	—	17.5	—	12.8	26	0	8	-4	91	0	61	48	137
TANTA	01	8	00	0	1	4	8	19.2	25.8	37	01	8	00	0	1	4	8	17.6	+2.5	13.7	27	0	5	-6	93	0	58	36	138
ZAGAZIG	01	7	04	2	1	4	8	21.1	24.8	30	00	7	08	2	0	0	—	17.9	+2.9	16.8	24	-3	—	—	76	0	46	25	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	00	7	04	3	0	2	2	19.8	25.5	21	05	6	28	1	0	0	—	17.5	—	19.0	26	—	12	—	42	0	52	—	141
EZBEKIYA	01	8	02	3	1	4	5	18.7	26.1	27	05	5	16	1	0	0	—	17.2	+1.9	17.9	27	0	11	-2	63	0	46	23	—
GIZA	02	8	02	2	1	5	2	18.4	25.6	20	09	5	00	0	0	0	—	17.4	+2.0	14.6	26	-1	8	-2	81	0	46	22	—
HELWAN	00	8	04	3	0	3	1	18.3	26.1	17	05	5	00	0	0	0	—	17.1	+2.3	14.0	27	0	11	-2	69	0	54	25	143
SUEZ	00	9	02	1	0	0	—	17.6	27.2	29	00	9	02	1	0	0	—	17.5	+2.6	16.8	30	+3	13	-1	81	0	37	15	144
UPPER EGYPT																													
FAIYUM	01	8	02	2	1	4	4	18.4	26.0	24	00	8	00	0	0	0	—	17.4	+2.3	18.8	27	-1	11	-1	53	0	75	8	153
MINYA	01	9	30	3	1	3	3	18.4	27.0	20	00	8	02	1	1	2	1	17.4	+2.7	16.6	28	-1	12	0	64	0	1	—	154
ASYUT	01	8	26	1	1	3	2	17.2	28.5	12	00	6	27	1	0	0	—	16.7	+2.3	17.8	29	-1	11	-2	55	0	14	4	155
QENA	01	8	26	2	1	3	1	15.8	31.6	15	01	7	26	2	1	4	1	14.7	+1.3	20.0	34	0	13	-2	41	0	20	—	156
LUXOR	00	7	32	1	0	0	—	15.9	32.0	—	00	7	10	1	0	0	—	15.2	—	22.2	34	—	12	—	35	0	tr.	—	157
ASWAN	01	9	30	1	1	3	1	13.2	32.4	09	01	9	00	0	1	3	1	14.4	+1.4	20.6	34	0	17	-1	36	0	dr.	—	158
WESTERN DESERT																													
SIWA	00	8	32	2	0	0	—	19.6	28.5	49	00	7	00	0	0	0	—	18.2	+2.2	17.3	30	+2	8	-3	50	0	5	8	148
BAHARIYA	01	9	04	1	1	4	—	—	26.2	18	00	9	00	0	0	0	—	19.0	+3.3	14.0	28	—	9	—	58	0	7	—	149
KHARGA	00	9	32	3	0	3	1	16.6	29.2	45	01	8	02	3	1	4	1	16.0	+1.9	21.2	30	-2	15	+1	48	0	4	—	151
DAKHLA	00	8	28	4	0	0	—	18.4	26.1	42	00	7	08	1	0	0	—	18.4	+3.9	16.7	28	-4	13	0	56	0	tr.	—	152
RED SEA																													
TOR	00	6	36	1	0	0	—	16.7	24.2	68	00	6	28	2	0	0	—	13.5	+0.6	19.5	27	0	14	-1	87	0	3	13	145
HURGHÂDA	00	9	—	2	0	0	—	15.8	23.2	44	01	8	30	2	1	4	8	14.2	+1.3	23.7	28	0	14	-1	26	0	8	—	146
QUSEIR	00	8	32	3	0	0	—	—	24.3	49	00	8	30	2	0	0	—	13.5	+0.7	23.3	25	-2	18	-1	34	0	20	—	147
PORT SUDAN																										0	82	95	169
NORTH SUDAN																													
WADI HALFA	01	9	30	3	1	5	4	11	32	07	00	9	31	3	1	2	4	14		21					17	0	dr.	—	165
KAREIMA	00	8	32	3	1	2	1	—	36	09	00	8	04	1	0	0	—	11		23					24	0	0	1	166
ATBARA											00	8	02	3	0	0	—	9		25					30	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	30	4	0	0	—	2	38	25	00	8	14	2	0	0	—	6		27					42	0	9 (12 struck out)	9	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	02	4	0	0	—	5	39	04	00	8	02	4	0	0	—	9		27					08	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	28	3	0	0	—	3	39	07	00	8	28	3	0	0	—	7		28			—	—	10	—	—	50	182
ROSEIRES	00	7	20	2	0	0	—	4	38	29	00	7	16	2	0	0	—	9		26					51	0	1	41	172
EL OBEID	00	9	02	3	0	2	1	7	35	23	00	9	02	4	0	0	—	10		27					08	0	6	17	174
EL FASHER	00	8	04	3	0	0	—	—	34	09	01	9	00	0	0	5	—	—		20					21	0	5	6	175
GENEINA	00	8	02	5	0	0	—	—	34	—	00	8	04	3	0	3	—	—		23					08	—	—	4	179
KADUGLI	02	8	04	3	1	5	1	5	38	07	00	8	02	3	0	0	—	9		24					22	—	—	94	187
S. SUDAN																													
MALAKAL	01	8	04	4	1	4	5,1	3	39	12	00	8	02	4	0	2	4	7		30					13	0	52	99	176
WAU	02	8	06	1	1	7	2	5	39	07																0	193	186	177
JUBA	02	8	14	1	1	6	8,2	5	39	24	02	8	20	2	0	5	4,2	9		29					55	0	197 / 160	210	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 7th ٧

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN 8 h 45 m	MINYA h m	ASYUT 7 h m	ASWAN 7 h m	WADI HALFA 7 h m	KAREIMA h m	FASHER 7 h m	KASSALA h m	EL OBEID 7 h m	MALAKAL 7 h m	JUBA 7 h m
				02 33 05		02 35 35	05 36 25	10 03 50	10 05 40	10 36 10	10 17 30	10 04 60	10 02 80	10 18 20
				05 03 15		05 35 05	10 36 25	15 25 20	15 35 15	15 04 20	15 18 55	15 04 50	15 03 70	15 13 15
				08 01 25		10 35 35	15 29 15	20 34 20	20 35 20	20 06 50	20 17 50	20 04 30		20 10 20
				10 36 30		15 35 20	20 29 15		30 34 30	40 08 30		40 10 20		40 05 50
				15 35 45		20 33 30	25 28 35		40 28 10	45 12 75		45 08 15		
				20 33 30		25 26 20	30 28 30		45 25 35					
				23 31 20		30 26 35			50 24 35					
				25 28 20										
				30 28 40										
				40 29 40										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 6th	Diff. from normal	Wet bulb temp °C on 6th	Diff. from normal
Alexandria	77	+11	15.1	+0.3
Ezbekiya	63	+7	14.7	-0.1
Giza	64	+6	14.7	+0.1
Helwan	52	+9	13.5	+0.5

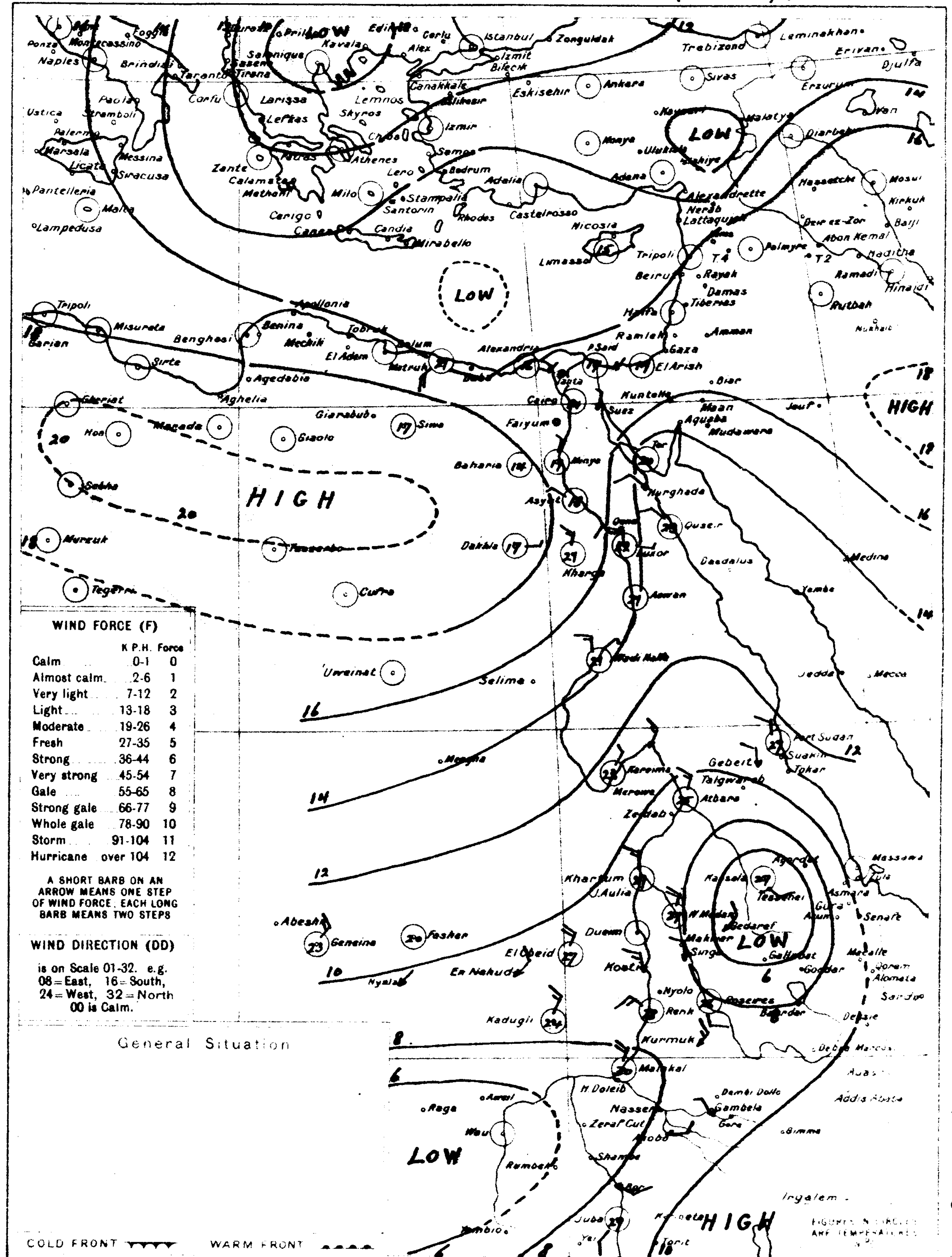
Giza Grass minimum on 7th 4.4 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
7.4	810	810
6.4	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.42	-0.87
Nasser				5.02	-0.22
Malakal		9.70	-0.35	9.70	-0.35
Roseires		11.29	-0.05	11.29	-0.04
Sennar Res.	٧			16.57	—
J. Aulia U.S	١			373.87	—
J. Aulia D.S	٤			371.60	+0.69
Khartum				10.35	+0.05
Kh. el Girba					
Atbara				10.35	+0.38
Kajnarti				132.58	+0.48
Aswan Res.		111.85	—	119.84	—
Aswan D.S.		84.97	-0.62	84.97	-0.63
Roda (Cairo)		15.68	+0.18	15.70	+0.20

١٩٤٥-٤-٧ Isobars, Wind and Temperature at 8 h. 7 - 4 - 1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE, EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

At 8 h. on 7th ٧ الساعة ٨

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs	Diff from normal mbs	Dry Bulb °C	Max Yesterday °C	Diff from norm	Min Today °C	Diff from norm	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
W. Hamadi	00	8	00	0	0	0	—	15.8	—	17.2	31	—	12	—	52	0	16	—
Limassol	00	9	00	0	0	0	—	15.6	+2.4	15	—	—	—	—	—	0	630	429

SHIPS سفن

Remarks: Water Temp River Nile Cairo 19.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mist. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
of Snow	83-84
of Sleet	85-86
of Hail	88-89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 Kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150.

CAIRO
Time of Sunrise 05 h 36 m
Sunset 16 h 18 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month APRIL 1945 ١٩٤٥ شهر أبريل

STATION	At 14 h. on 7th: Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	Temp TTT	Humidity UU	At 8 h. on SUNDAY 8th: Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff from norm °C	Minimum Today °C mm	Diff from norm °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	00	9	28	4	0	0	—	15.0	18.0	73	01	9	28	1	1	4	8	16.7	+1.6	17.2	25	+3	12	-1	70	0	102	156	131
DIKHEILA																													150
ALEXANDRIA	00	9	00	0	0	0	—	15.1	26.0	24	03	8	32	2	2	8	5	16.7	+2.0	16.6	28	+5	14	0	71	0	254	181	132
DAMIETTA	00	8	12	2	1	0	—	15.2	24	37	00	8	28	3	0	0	—	15.1	—	18.2	25	—	15	—	78	0	100	101	159
PORT SAID	00	8	06	2	0	0	—	15.6	21.3	67	00	8	28	3	0	3	8	15.1	+1.4	18.8	22	-1	15	0	77	0	83	73	134
EL 'ARISH											00	9	20	1	0	0	—	—	—	17.0	23	0	15	+3	[illegible]	0	248	86	135
LOWER EGYPT																													
DAMANHUR	00	6	16	3	0	0	—	15.1	27.8	27	01	6	24	3	1	4	8	15.9	+1.2	17.0	29	+3	11	0	80	0	128	95	136
MANSURA	00	8	32	1	0	0	—	15.4	26.3	26	00	8	30	2	0	0	—	15.9	—	17.2	30	+3	13	+1	76	0	61	49	137
TANTA	00	8	00	0	1	0	—	14.8	27.8	28	01	8	00	0	1	4	8	16.3	+1.3	16.4	29	+2	10	-1	85	0	58	36	138
ZAGAZIG	00	7	28	2	0	0	—	15.4	26.4	29	00	7	12	3	0	0	—	15.5	+0.5	16.6	27	0	12	+1	82	0	46	25	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	7	01	2	0	0	—	16.2	26.9	24	00	7	18	1	0	0	—	16.4	—	19.1	27	—	14	—	62	0	52	—	141
CAIRO EZBEKIYA	00	8	30	2	0	0	—	15.4	26.9	31	05	5	14	1	0	0	—	16.2	+1.0	19.6	28	+1	14	+1	67	0	46	23	—
CAIRO GIZA	00	8	28	1	0	0	—	15.0	27.1	24	09	5	00	0	0	0	—	16.0	+0.7	17.3	28	+1	11	+1	81	0	46	22	—
HELWAN	00	8	32	2	0	0	—	14.7	26.1	13	00	6	00	0	0	0	—	16.2	+1.5	17.6	28	+1	13	0	65	0	54	25	143
SUEZ	00	9	02	1	0	0	—	15.1	26.1	29	00	9	30	2	0	0	—	16.6	+1.7	18.3	27	0	15	+1	73	0	37	15	144
UPPER EGYPT																													
FAIYUM	00	8	30	2	0	0	—	15.0	27.0	22	00	8	02	2	0	0	—	16.6	+1.5	18.8	29	+1	12	0	56	0	75	8	153
MINYA	00	9	32	3	0	0	—	15.1	28.0	20	00	8	20	2	0	0	—	15.8	+1.2	19.6	29	-1	14	+2	54	0	1	—	154
ASYUT	00	8	30	2	0	0	—	13.6	28.0	13	00	6	22	1	0	0	—	16.0	+1.6	19.8	30	0	13	0	41	0	14	4	155
QENA	01	8	26	2	1	3	1	11.1	33.3	13	01	7	28	1	0	3	1	15.2	+1.9	~~23.3~~ 18	36	+2	12	-3	26	0	20	—	156
LUXOR	00	7	32	1	0	0	—	12.6	34.4	12	00	7	14	2	0	0	—	15.9	—	21.0	35	—	11	—	30	0	tr.	—	157
ASWAN	00	9	32	1	0	0	—	10.4	32.4	10	01	9	02	1	1	3	1	13.9	+1.0	21.1	34	0	18	0	20	0	tr.	—	158
WESTERN DESERT																													
SIWA	00	8	24	3	0	0	—	17.2	30.3	51	00	8	00	0	0	0	—	16.6	+0.6	18.8	31	+3	10	-1	47	0	5	8	148
BAHARIYA	00	9	28	2	0	0	—	16.7	27.6	19	00	9	00	0	0	0	—	17.0	+1.4	18.0	30	—	10	—	62	0	7	—	149
KHARGA	00	9	02	3	0	2	1	13.6	29.6	23	01	9	02	2	1	4	1	15.5	+1.5	19.3	30	-2	12	-2	44	0	4	—	151
DAKHLA	00	8	04	2	0	0	—	14.8	28.1	48	00	7	28	2	0	0	—	17.1	+2.7	16.0	29	-3	12	-1	59	0	tr.	—	152
RED SEA																													
TOR	00	6	28	3	0	0	—	—	24.7	69	00	6	00	0	0	0	—	13.8	+1.0	18.2	27	0	12	-4	51	0	3	13	145
HURGHADA	00	9	02	4	0	0	—	13.1	26.5	35	01	8	04	1	1	4	8	—	—	23.0	27	-1	17	+2	44	0	8	—	146
QUSEIR	00	8	04	3	0	0	—	12.2	24.6	57	00	8	32	1	0	0	—	12.7	0.0	23.2	25	-2	19	0	50	0	20	—	147
PORT SUDAN																										0	82	95	169
NORTH SUDAN																													
WADI HALFA	00	9	30	4	0	1	4	11	33	05	00	9	30	3	0	1	4	14		21					23	0	tr.	—	165
KAREIMA	00	8	02	4	0	0	—	7	37	07	00	8	04	2	0	0	—	10		26					09	0	0	1	166
'ATBARA	00	8	04	2	0	0	—	3	39	07	00	8	04	2	0	0	—	7		28					14	0	0	2	167
KHARTUM																										0	tr.	4	168
KASSALA	00	8	02	3	0	0	—	0	41	17	00	8	02	2	0	0	—	4		31					43	0	9 ~~12~~	9	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	32	4	0	0	—	2	40	06	00	8	04	4	0	2	1	5		28					14	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	28	3	0	0	—	1	40	06	00	9	30	3	0	0	—	5	—	28					13	—	—	50	182
ROSEIRES	00	7	32	2	0	0	—	3	39	42	00	7	16	2	0	0	—	6		31					49	0	1	42	172
EL OBEID	00	9	06	2	0	0	—	4	37	05	00	9	32	2	0	3	4,1	8		26					17	0	6	17	174
EL FASHER	02	9	04	4	1	5	4,2	—	36	13	01	9	30	1	1	4	2	—		21					23	0	5	6	175
GENEINA	00	8	02	4	0	3	1	—	37	—																—	—	4	179
KADUGLI	00	8	32	3	0	3	1	3	40	06	00	8	32	3	0	1	1	7		31					08	—	—	94	187
S. SUDAN																													
MALAKAL	01	8	02	3	1	4	1	2	40	11	01	8	06	2	1	3	4	7		33					14	0	52	100	176
WAU	02	8	06	2	1	8	2	3	39	07	02	8	00	0	1	8	4	7		28					25	0	193	188	177
JUBA	01	8	06	2	1	5	8	3	39	26	02	8	32	1	1	6	4,2	9		30					43	0	~~157~~ 160	213	178

UPPER WINDS ON 8th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 30 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 7 h. m.	KHARTUM h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA 7 h. m.
				02 12 05		02 23 05	02 01 25	10 02 50	10 05 55		10 08 30	10 03 65	10 02 40	10 06 02
				05 31 15		05 32 10	05 02 40	15 36 25	15 35 15		15 04 25	15 05 45	15 03 55	15 13 20
				08 26 25		10 32 25	10 03 30	20 32 10	20 33 20		20 04 20	20 04 25	20 05 40	20 16 20
				10 25 30		15 33 35	15 01 10	35 27 55	30 31 30		30 32 10	30 05 15	30 07 10	35 18 35
				15 27 35		20 33 35	20 34 20		40 28 30		40 31 10	40 14 20	40 05 15	
				20 28 35		25 31 25	25 24 30		45 25 35			45 13 35	45 08 30	
				23 27 55		30 28 30	30 27 30					50 13 50	50 10 45	
				25 27 35								60 16 20	65 21 35	
				30 28 35								70 15 25		
				40 26 35								80 22 35		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 7th	Diff. from normal	Wet Bulb Temp °C on 7th	Diff. from normal
Alexandria	78	+12	14.7	-0.3
Ezbekiya	52	-4	15.3	+0.4
Giza	66	+8	14.5	-0.2
Helwan	44	+2	12.6	-0.5

Giza Grass minimum on 8th 7.1 °C

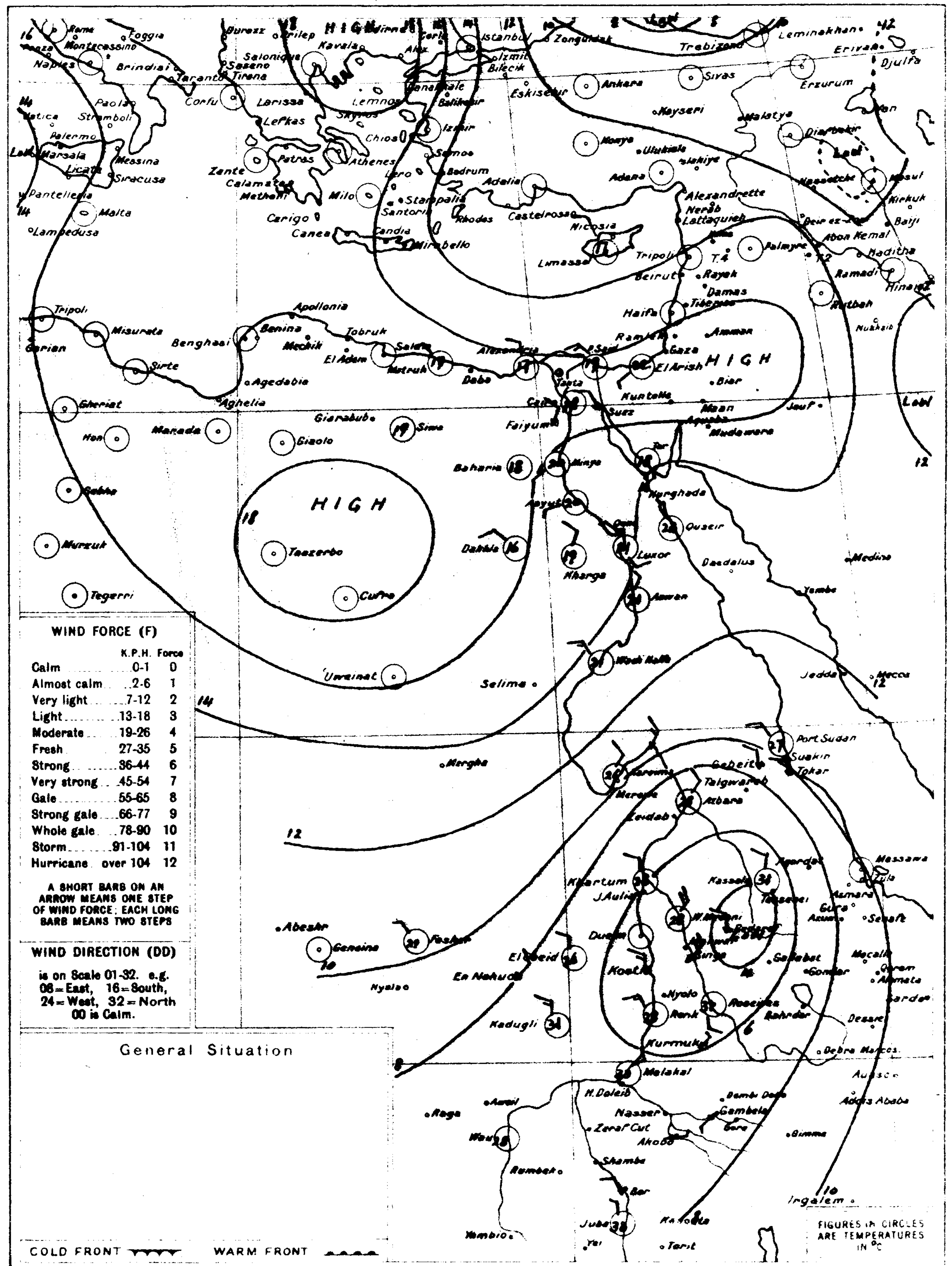
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
8-4	810	810
7-4	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				12.42	-0.87
Nasser				5.04	-0.21
Malakal		9.70	-0.35	9.70	-0.35
Roseires		11.30	-0.04	11.29	-0.05
Sennar Res.				16.46	—
J. Aulia U.S				373.76	—
J. Aulia D.S				371.57	+0.69
Khartum				10.35	+0.63
Kh. el Girba					
'Atbara				10.34	+0.37
Kajnarti				132.57	+0.76
Aswan Res.		119.87	—	119.85	—
Aswan D.S.		84.97	-0.61	84.97	-0.62
Roda (Cairo)		15.66	+0.16	15.68	+0.18

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٤-٨ Isobars, Wind and Temperature at 8 h. 8-4-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

STATION محطة	At 8 h. on 8th: Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff from norm °C	Minimum Today °C mm	Diff from norm °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	3	4	15.8	—	19.9	31	—	10	—	41	0	16	—
Limassol	01	8	30	2	1	4	—	13.6	+0.5	17	—	—	—	—	—	0	630	430

SHIPS سفن

Remarks
Water Temp. River Nile Cairo 20.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise h 05 m 35
Sunset 18 18

Month April 1945 ١٩٤٥ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 8th A / الساعة ١٤ يوم — At 8 h. on Monday 9th / الساعة ٨ يوم الاثنين ٩

STATION	14h Present Weather	14h Visibility	14h Wind Dir	14h Wind Force	14h Past Weather	14h Cloud Amount	14h Cloud Form	14h Bar. Press.	14h Temp.	14h Humidity	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb °C	Max Yesterday °C	Diff. from norm °C	Min Today °C	Diff. from norm °C	Humidity	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN: SALÛM																													130
MATRÛH	00	9	28	1	0	0	-	16.2	18.0	71	01	9	32	1	1	3	8	18.2	+3.1	17.2	18	-4	11	-2	72	0	102	156	131
DIKHEILA																													150
ALEXANDRIA	02	9	32	5	1	6	3	16.8	19.0	63	02	8	00	0	2	5	4	17.5	+2.9	18.5	21	-2	15	0	67	0	254	181	132
DAMIETTA	00	8	28	4	0	0	-	15.6	18.8	63	02	8	28	2	1	5	8	16.7	-	17.7	20		11		73	0	100	101	159
PORT SAÎD	00	8	30	4	0	0	-	15.0	21.0	64	02	8	28	3	2	5	8	16.0	+2.3	18.4	22	-1	15	0	66	0	83	73	134
EL ARISH	00	9	30	2	0	0	-	—	23.2	44	01	9	28	1	1	3	8	—	—	19.2	25	+2	19	-1	60	0	248	87	135
LOWER EGYPT: DAMANHÛR	00	7	28	5	1	3	8	15.5	21.0	57	01	6	20	3	1	4	8	17.0	+2.3	16.6	23	-3	11	0	81	0	128	95	136
MANSÛRA	01	8	28	2	1	4	8	15.2	24.0	45	00	8	24	1	0	0	-	17.4	-	17.7	25	-2	12	0	71	0	61	49	137
TANTA	01	8	28	1	1	4	8	15.0	25.0	44	01	8	00	0	1	4	8	17.4	+2.5	15.5	26	-1	8	-3	84	0	58	36	138
ZAGAZIG	00	7	24	2	0	2	8	15.2	25.6	48	00	7	24	2	0	0	-	17.1	+2.2	16.4	26	-1	10	-1	77	0	46	25	139
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	30	2	0	0	-	16.0	25.0	40	01	7	02	1	1	3	8	17.9	—	16.3	26		13		76	0	52		141
CAIRO EZBEKIYA	00	8	30	3	0	0	-	15.0	25.2	38	05	6	30	2	1	5	8	17.5	+2.4	17.9	26	-2	13	0	69	0	46	23	
CAIRO GIZA	00	8	30	3	0	0	-	14.4	25.9	30	09	5	30	2	1	5	8	17.6	+2.4	15.2	27	0	10	0	85	0	46	22	
HELWAN	00	8	28	4	0	0	-	14.2	24.9	29	01	7	30	3	1	3	8	17.2	+2.5	15.8	27	-1	12	-1	71	0	54	25	143
SUEZ	00	9	00	0	0	0	-	13.5	28.7	27	01	9	02	1	1	3	8	17.0	+2.2	17.3	30	+3	13	-1	76	0	37	15	144
UPPER EGYPT: FAIYUM	00	8	30	2	0	0	-	14.8	26.8	27	01	8	30	3	.1	3	8	17.5	+2.5	16.9	28	0	12	0	69	0	75	8	153
MINYA	00	9	32	2	0	0	-	15.0	29.4	27	00	9	32	2	0	0	-	17.0	+2.5	18.4	30	0	12	-1	69	0	1		154
ASYUT	01	7	30	2	1	3	5	13.9	29.1	14	00	6	22	1	0	0	-	16.3	+2.0	19.1	30	0	13	0	52	0	14	4	155
QENA	01	8	26	2	1	4	1	11.6	33.8	14	05	7	04	1	1	0	-	15.5	+2.2	21.6	34	0	14	-1	40	0	20		156
LUXOR	00	7	32	1	0	0	-	12.3	32.3	—	00	7	22	1	0	0	-	16.0 15.3	-2.6	23.5	34		15		32	0	tr		157
ASWAN	02	9	32	3	1	5	1	11.1	33.0	06	00	9	32	2	0	0	-	~~14.2~~	+ ~~1.3~~	20.7	33	-1	18	0	16	0	dr	-	158
WESTERN DESERT: SIWA	00	8	26	4	0	0	-	16.7	31.0	53	00	7	04	2	0	0	-	~~18.8~~ 19.1	+ ~~1.9~~ 3.1	18.5	32	+4	12	+1	67	0	5	8	148
BAHARIYA	00	9	28	2	0	0	-	15.6	29.0	20	00	9	00	0	0	0	-	18.6	+3.0	19.3	30		11		64	0	7		149
KHARGA	01	9	04	2	1	4	2	14.3	33.1	28	00	9	30	1	0	2	1	16.2	+2.3	22.2	31	-2	15	+1	44	0	4	-	151
DAKHLA	00	9	28	2	0	0	-	15.6	30.0	41	00	8	28	1	0	0	-	17.5	+3.1	16.8	31	-2	14	+1	57	0	tr		152
RED SEA: TOR	00	8	28	2	0	0	-	13.0	25.8	59	00	6	28	2	0	0	-	13.5	+0.7	20.2	27	0	17	+1	75	0	3	13	145
HURGHÂDA	01	8	02	2	1	4	8	12.8	25.5	40	00	9	30	4	0	0	-	13.8	+1.0	22.2	28	0	16	+1	43	0	8	-	146
QUSEIR	00	8	32	2	0	0	-	13.2	25.0	49	00	8	32	3	0	0	-	13.2	+0.6	22.4	26	-1	19	0	43	0	20	-	147
PORT SUDAN																										0	82	95	169
NORTH SUDAN: WÂDI HALFA											00	9	30	3	0	0	-	15								0	dr		165
KAREIMA											18	5	04	5	0	0	-	11		27					17	0	0	1	166
ATBARA	00	8	02	3	0	0	-	2	39	10	01	8	32	4	1	5	4,5	9		26					16	0	0	2	167
KHARTÛM																										0	tr	4	168
KASSALA	00	8	02	2	0	1	8	99	42	14	02	8	04	3	1	7	4	6		31					46	0	9 ~~12~~	9	170
CENTRAL SUDAN: WAD MEDANI	00	8	02	2	0	0	-	2	40	12	02	9	32	4	1	7	4	7		29					14	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	28	3	0	0	-	1	43	12	02	9	28	3	1	8	8	6		29					17	—	—	50	182
ROSEIRES	00	7	20	2	0	0	-	1	41	40	02	7	20	2	1	8	6	6		29					48	0	1	42	172
EL OBEID	00	9	04	2	0	1	4	2	38	11	01	9	32	3	0	4	4	9		26					27	0	6	17	174
EL FASHER											02	8	30	1	1	5	2	—		23					15	0	5	6	175
GENEINA											01	8	02	3	1	4	1	—		25					09	—	—	4	179
KADUGLI	00	8	04	2	0	0	-	5	41	07	02	7	14	3	1	6	4	8		31					09	—	—	94	187
S. SUDAN: MALAKÂL	00	8	28	2	0	0	-	0	42	11	01	8	10	3	1	4	4,1	8		34					13	0	52	101	176
WÂU	01	8	06	3	1	4	4	4	37	13	01	8	00	0	1	4	1	10		27					52	0	193	190	177
JUBA	02	8	08	3	1	6	8	6	41	17	02	8	20	1	1	6	2	9		31					29	0	~~157~~ 160	216	178

UPPER WINDS ON 9th ٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWÂN 8 h. 30 m.	MINYA h. m.	ASYUT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	KAREIMA 7 h. m.	~~KHARTÛM~~ Fasher 5 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	~~MALAKÂL~~ Geneina 7 h. m.	JÛBA 7 h. m.
				02 01 15		02 36 05	02 36 40	10 02 70	10 03 40	10 25 25	10 03 15	10 03 50	10 04 30	10 15 15
				05 01 25		05 34 25	05 36 40	15 35 40	15 01 35	15 05 55	15 06 20	15 03 55	15 08 55	15 11 25
				09 02 20		10 34 40	10 36 60	20 34 20	20 32 40	20 11 20	20 10 40	20 05 20	20 09 35	20 11 30
				10 01 20		15 32 50	15 34 30	40 25 20	40 27 30	40 16 20		40 09 15	40 15 05	40 08 25
				15 31 35		20 33 65	20 29 25			50 19 10		45 14 10	45 24 10	50 07 40
				19 31 70		25 32 70	25 32 30			60 21 15				
						30 31 35								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 8th	Diff. from normal	Wet bulb temp °C on 8th	Diff. from normal
Alexandria	71	+5	14.5	-0.6
Ezbekiya	61	+5	15.9	+0.9
Gîza	72	+14	15.5	+0.7
Helwân	96	+14	14.6	+1.4

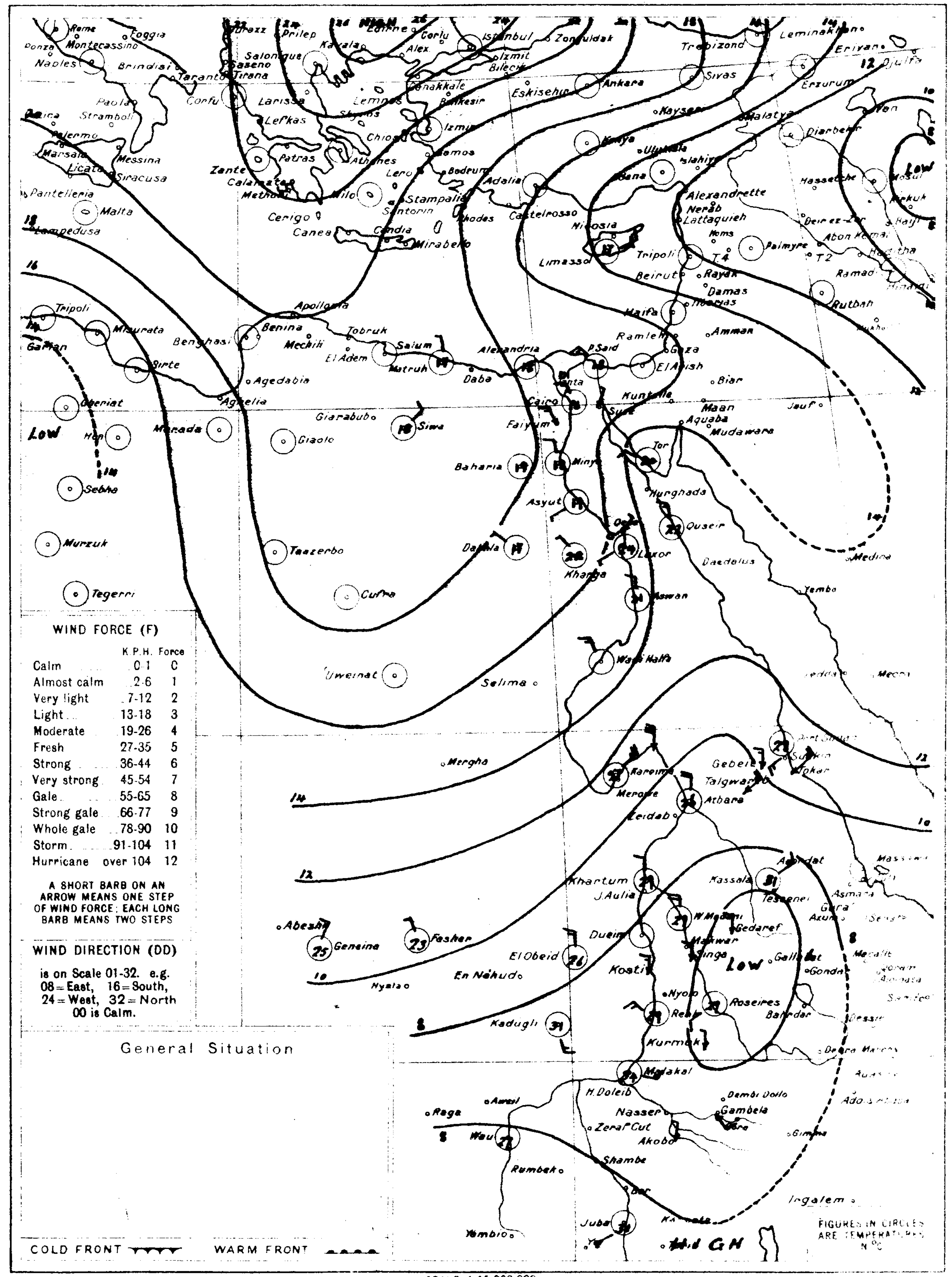
Gîza Grass minimum on 9th 7.1 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
9-4	810	810
8-4	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				5.04	-0.28
Malakâl		9.69	-0.37	9.70	-0.35
Roseires		11.30	-0.04	11.30	-0.04
Sennâr Res.				16.82	
J. Aulia U.S				373.67	
J. Aulia D.S	3			371.59	+0.69
Khartûm	1			10.36	+0.02
Kh. el Girba	8				
Atbara		10.33	+0.36	10.33	+0.36
Kajnarti		-		132.58	+0.70
Aswân Res.		119.89		119.87	
Aswân D.S.		84.97	-0.61	84.97	-0.61
Rôda (Cairo)		15.58	+0.08	15.66	+0.16

Isobars, Wind and Temperature at 8 h. ١٩٤٥/٤/٩ 9.4.1945



SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 9th الساعة ٨ يوم ٩

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb °C	Max Yesterday °C	Diff. from norm °C	Min Today °C	Diff. from norm °C	Humidity	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	0	-	16.2	—	20.6	30	—	12	—	41	0	16	—
Limassol	00	7	06	3	0	2	-	13.4	+0.3	17	—	—	—	—	—	0	630	430
SHIPS سفن																		

Remarks

Water Temp. R. Nile Cairo 20.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thick haze	05
Dust Devils	06
Distant lightning	07
Light Mist or haze	08
Distant Fog	09
[illegible]	10
[illegible]	11
Distant [illegible]	12
Squally	13
Slight Duststorm	15
Rain in past hour	20
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog at [illegible]	40
Mist, Fog in last hour	41
Thick [illegible]	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
with slight Rain	91
with Hail	95, 96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h 05 m 32
Sunset 18 19

Month April 1940 ١٩٤٠ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14 h on 9th ٩ ابريل ١٢ الساعة — At 8 h on Wednesday 10th الأربعاء ١٠

STATION	Present Weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar. Press M.S.L. 1000+ mbs (PPP)	Temp °C (TTT)	% Humidity (UU)	Present Weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs (PPP)	Diff from normal mbs	Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Diff from norm °C	Minimum Today °C (mm)	Diff from norm °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALŪM																													130
MATRŪH	01	9	02	1	1	4	8	18.7	18.8	61	01	9	04	2	1	4	8	17.4	+2.4	17.0	19	-3	11	-2	61	0	102	156	131
DIKHEILA																													150
ALEXANDRIA	01	9	04	3	2	4	8	17.5	19.4	61	02	9	28	4	2	5	4	16.7	+2.1	16.4	21	-2	14	-1	66	0	254	181	132
DAMIETTA	00	8	28	4	1	1	8	16.0	19.8	63	00	8	22	3	1	3	8	15.5	—	16.6	20		10		66	0	100	101	159
PORT SAĪD	01	8	30	4	1	4	8	15.6	20.8	62	01	8	24	3	1	4	8	15.4	+1.8	16.5	22	-1	14	-1	68	0	83	73	134
EL 'ARISH	00	9	30	2	0	0	—	14.6	23.2	63	01	9	30	1	1	3	8	15.5	+1.4	19.2	23	0	11	-1	56	0	248	87	135
LOWER EGYPT																													
DAMANHŪR	01	6	24	3	1	4	8	16.3	21.3	49	01	7	24	4	1	4	4	15.9	+1.3	16.6	23	-3	10	-1	67	0	128	95	136
MANṢŪRA	01	8	30	2	1	4	8	16.0	22.8	42	01	7	24	1	1	3	8	16.2	—	15.5	25	-2	9	-3	71	0	61	49	137
ṬANṬA	01	8	00	0	0	4	8	15.9	24.0	46	00	8	28	1	0	0	—	16.4	+1.6	15.5	25	-2	8	-3	74	0	58	36	138
ZAGAZIG	01	7	32	2	0	3	8	17.0	23.4	48	00	7	26	2	0	1	8	16.7	+1.8	16.6	24	-3	9	-2	72	0	46	25	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	30	2	1	1	8	17.1	22.3	49	01	7	28	1	1	4	6	17.5	—	16.3	24		12		68	0	52		141
CAIRO EZBEKIYA	00	8	28	2	0	3	8	16.2	23.0	45	05	6	26	1	1	4	8	17.6	+2.6	16.8	24	-4	12	-1	64	0	46	23	
CAIRO GIZA	01	8	30	2	1	3	8	16.0	23.9	36	01	6	00	0	1	5	8	17.6	+2.6	16.1	25	-3	9	-1	76	0	46	23	
HELWAN	00	8	24	4	0	0	—	15.9	22.0	39	01	6	00	0	1	4	8	17.2	+2.6	14.2	23	-5	11	-3	75	0	54	26	143
SUEZ	00	9	02	1	0	0	—	15.5	23.0	39	00	9	30	2	0	0	—	16.8	+2.1	16.9	25	-2	12	-2	63	0	37	15	144
UPPER EGYPT																													
FAIYUM	00	8	30	3	0	0	—	16.0	24.0	42	00	8	32	2	0	1	8	18.0	+2.1	16.0	26	-2	12	0	64	0	75	3	153
MINYA	00	9	32	2	0	0	—	—	28.9	33	01	8	32	2	1	3	2	17.1	+2.7	17.0	29	-1	12	-1	73	0	1		154
ASYŪT	00	7	22	2	0	0	—	14.8	28.0	26	00	6	20	1	0	0	—	16.7	+2.5	18.8	29	-2	13	-1	54	0	14	4	155
QENA	00	9	26	2	0	0	—	12.6	32.2	16	00	9	28	1	0	0	—	15.9	+2.7	22.7	34	0	13	-2	41	0	20		156
LUXOR	00	7	28	4	0	0	—	13.6	32.2	10	00	7	02	1	0	0	—	16.4	—	24.5	33		15		36	0	tr		157
ASWĀN	00	9	32	3	0	0	—	12.3	33.0	05	02	9	00	0	1	5	4	16.8	+4.0	20.6	38	-1	16	-2	36	0	dr	—	158
WESTERN DESERT																													
SĪWA	00	8	00	0	0	0	—	17.5	28.0	49	00	7	08	4	0	0	—	18.3	+2.5	17.0	31	+2	14	+3	78	0	5	8	148
BAHARIYA	00	9	00	0	0	0	—	16.6	28.8	25	00	9	00	0	0	0	—	17.5	+2.0	16.0	29		11		64	0	7		149
KHARGA	00	9	32	3	0	0	—	14.6	30.8	37	00	9	14	1	0	0	—	17.0	+3.2	21.8	32	-1	16	+2	52	0	4	—	151
DAKHLA	00	9	32	1	0	0	—	15.9	30.0	39	00	8	00	0	0	0	—	16.7	+2.4	19.2	32	-1	13	-1	45	0	tr		152
RED SEA																													
TOR	00	6	28	3	0	0	—	13.8	23.8	63	00	6	28	2	0	0	—	15.0	+2.3	20.2	28	+1	16	0	78	0	3	13	145
HURGHADA	00	9	30	4	0	0	—	12.0	26.5	31																	8	—	146
QUSEIR	00	8	32	3	0	0	—	12.8	26.4	43	00	8	32	2	0	0	—	14.4	+1.8	22.7	27	-1	19	0	46	0	20	—	147
PORT SUDAN																										0	82	95	169
NORTH SUDAN																													
WADI HALFA	00	7	30	5	0	2	4	12	32	11	02	9	30	3	1	5	4	17		22					25	0	dr	—	165
KAREIMA	18	6	04	4	0	0	—	8	36	08	00	8	04	3	0	2	1	13		26					12	0	0	1	166
'ATBARA	02	8	30	4	1	5	4	5	37	08	00	8	04	3	0	3	4	11		26					16	0	0	2	167
KHARTŪM																										0	tr	4	168
KASSALA	02	8	30	3	1	6	4	2	37	27	01	8	02	4	2	4	4	9		27					48	0	9	9	170
CENTRAL SUDAN																													
WAD MEDANI	01	7	04	5	1	4	3	2	41	07	01	8	02	4	1	4	4	8		28					14	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	28	3	0	0	—	2	41	10	60	9	28	3	0	0	—	7		29					12	—	—	59	182
ROSEIRES	00	8	32	2	0	0	—	3	41	10	00	7	16	2	1	0	—	8		31					55	0	1	43	172
EL OBEID	02	8	02	4	1	5	4,5	5	37	08	02	8	02	4	1	5	4	11		27					08	0	6	17	174
EL FASHER	02	8	02	2	1	5	1	—	37	09	02	7	30	1	1	6	2	—		23					18	0	5	6	175
GENEINA	02	8	04	2	1	6	2	—	37	06	02	7	02	3	1	8	2,4	—		24					07	—	—	5	179
KADUGLI	01	8	04	3	1	4	2	4	41	08	05	5	02	4	1	5	1	10		31					08	—	—	94	187
SOUTH SUDAN																													
MALAKAL	02	8	26	2	1	5	4	3	41	10	02	8	32	2	1	6	8,4,4	9		32					29	0	52	102	176
WAU	01	7	00	0	1	4	1	5	39	21	02	8	00	0	1	8	4	10		29					48	0	193	192	177
JUBA	02	8	12	2	1	5	8	4	40	20	02	8	22	1	1	7	2	12		28					58	1	158 161	219	178

UPPER WINDS ON ١٠ ابريل 10th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALŪM h m — MATRŪH h m — DIKHEILA (Cairo) h m — PORT SAID h m — Cairo 9 h m — Helwan (Minya) 8 h 30 m — ASYŪT 7 h m — ASWĀN 7 h m — WADI HALFA 7 h m — KAREIMA 7 h m — Khartum 7 h m — KASSALA 7 h m — EL OBEID 7 h m — MALAKAL 7 h m — JŪBA 7 h m

02 29 10 02 33 05 02 07 10 02 35 05 10 03 55 10 04 65 10 02 25 10 35 35 10 04 40 10 03 55 10 20 10
05 31 10 05 33 05 05 05 10 05 02 35 15 01 40 15 06 20 15 05 55 15 32 25 15 08 30 15 06 55 15 03 05
10 35 10 08 32 20 10 33 25 10 01 25 20 01 20 20 31 20 20 15 15 20 06 40
15 34 55 10 31 45 15 32 45 15 08 35 40 28 40 40 12 10
16 30 70 15 39 55 20 31 50 20 36 40 50 26 80
25 28 50
30 30 10

Forecast for 24 hours from noon on

تغيرات طقس المنطقة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 9th	Diff. from normal	Wet bulb temp °C on 9th	Diff. from normal
Alexandria	63	-3	14.2	-1.0
Ezbekiya	61	+6	15.2	+0.1
Giza	75	+18	14.6	-0.2
Helwan			13.9	+0.6

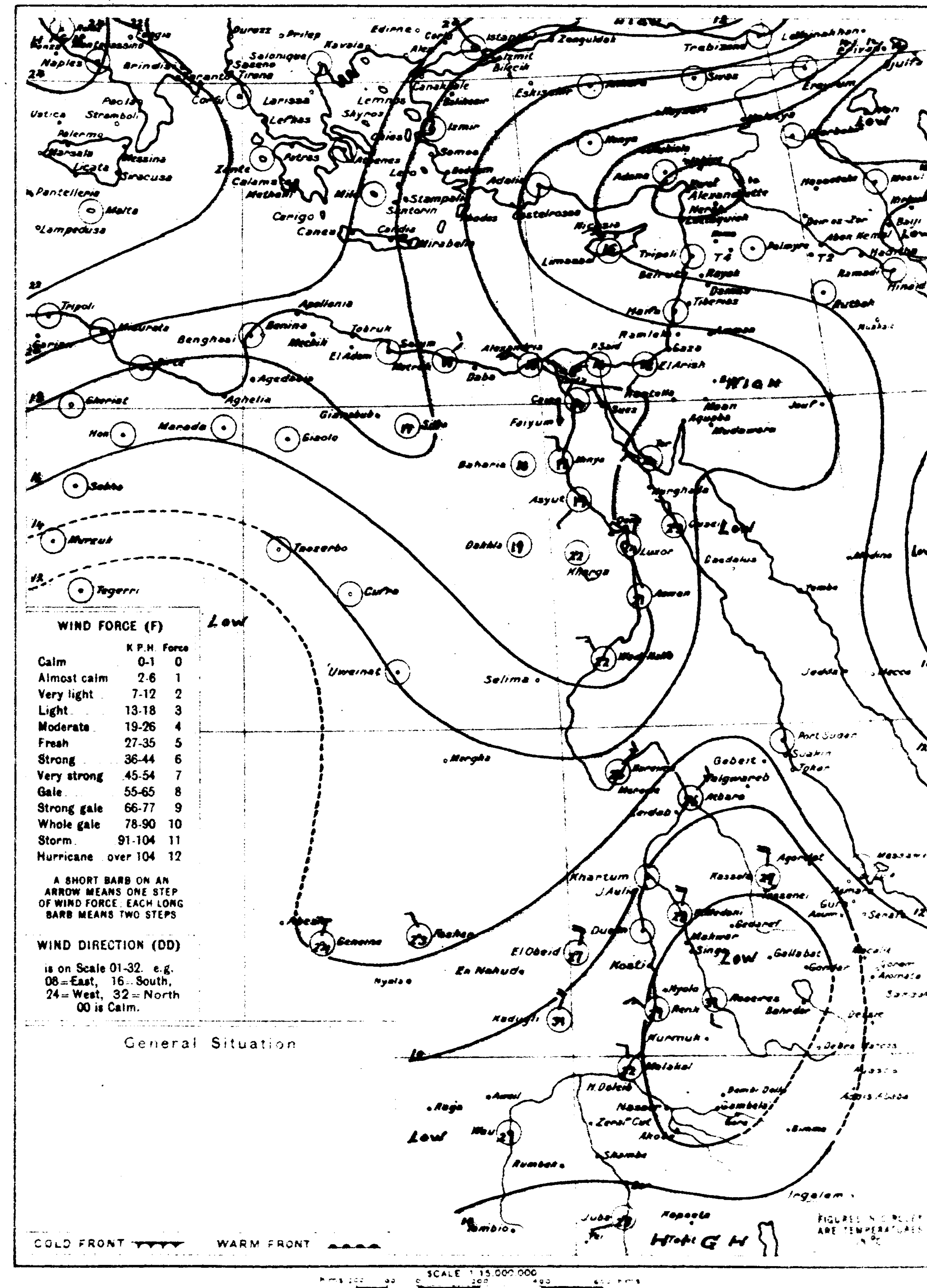
Giza Grass minimum on 10th 5.6 °C

Discharges at Aswan measured by sluices m^3 per sec

DATE	1940	1939
10 - 4	810	810
9 - 4	610	610

GAUGE	Date 1940	Reading m	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m
Jūba	10-4-1940			12.38	-0.92
Nasser				5.02	-0.26
Malakāl		9.68	-0.38	9.69	-0.37
Roseires		11.30	-0.04	11.30	-0.04
Sennār Res				16.16	
J. Aulia U.S					
J. Aulia D.S				371.59	+0.70
Khartum				10.37	+0.03
Kh. el Girba					
'Atbara		10.33	+0.36	10.33	+0.36
Kajnarti				132.36	+0.68
Aswān Res.		119.92		119.89	
Aswān D.S.		84.97	-0.61	84.97	-0.61
Rōda (Cairo)		15.56	+0.06	15.58	+0.08

Isobars, Wind and Temperature at 8 h. ١٩٤٠/٤/١٠ 10. 4 1940



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000

At 8 h. on 10th ١٠ ابريل

STATION محطة	Present Weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past Weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar Pressure M.S.L. 1000+ mbs (PPP)	Diff from normal mbs	Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Diff from norm °C	Minimum Today °C (mm)	Diff from norm °C	% Humidity	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	0	—	16.4	—	20.9	30	—	13	—	49	0	16	—
Limassol	00	9	30	3	0	1	—	11.0	-2.1	15	—	—	—	—	—	0	630	431

SHIPS سفن

Remarks

Water Temp. R. Nile Cairo 20.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 938/38 554 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h 05 m
Sunset h 18 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month April 1945 ١٩٤٥ شهر ابريل

At 14 h. on 10th ١٠ الساعة ١٤ يوم — At 8 h. on Wednesday 11th ١١ الأربعاء الساعة ٨

STATION	14h Present weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	60	9	32	2	2	5	6	17.5	17.0	61	00	9	30	1	0	0	–	15.4	+0.4	17.0	19	-3	15	+2	52	dr	102	156	131
DIKHEILA																		–											150
ALEXANDRIA	02	8	26	4	2	7	5	16.7	17.0	55	00	9	30	3	0	0	–	15.2	+0.6	16.2	19	-4	14	-1	54	0	254	182	132
DAMIETTA	01	8	28	5	1	4	8	15.2	18.8	57	01	8	26	3	1	4	8	15.8	–	16.7	19		10		61	0	100	102	159
PORT SAID	14	8	28	5	3	5	6	15.0	19.8	51	01	8	26	3	1	3	8	[illegible]	[illegible]	15.8	21	-3	14	-1	69	0	83	74	134
EL ARISH	01	8	30	4	1	4	8	[illegible]	19.2	54	01	9	28	1	1	3	8	14.6	+0.5	19.2	23	0	11	-1	58	0	248	87	135
LOWER EGYPT																													
DAMANHUR	02	7	24	4	2	7	5	16.6	18.0	49	00	6	24	3	0	0	–	14.4	-0.1	16.3	21	-6	10	-1	59	0	128	95	136
MANSURA	02	7	30	2	2	5	6	15.9	20.2	39	00	8	30	2	0	0	–	14.6	–	15.7	22	-5	9	-3	64	dr	61	49	137
TANTA	02	8	28	5	2	7	7	16.0	21.0	41	00	8	28	1	0	0	–	14.8	00	15.0	22	-6	8	-3	78	dr	58	36	138
ZAGAZIG	01	7	04	3	1	3	8	17.2	22.2	41	00	7	24	2	0	0	–	15.4	+0.6	15.6	24	-4	10	-1	68	0	46	25	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	01	8	26	3	0	3	4	16.7	22.4	34	00	7	05	1	0	1	1	15.2	–	15.8	23	–	13	–	64	0	52	–	141
EZBEKIYA	00	8	26	2	0	2	6	16.0	23.2	35	05	6	30	2	0	2	6	14.8	-0.1	17.3	24	-4	12	-1	61	dr	46	23	–
GIZA	01	8	28	2	1	3	3	15.8	25.5	30	05	6	02	2	0	0	–	15.0	+0.1	15.7	26	-2	9	-1	65	dr	46	23	–
HELWAN	00	9	24	3	0	3	3	15.8	22.0	29	00	9	32	3	0	2	4	14.6	+0.1	16.1	23	-5	14	0	53	0	54	26	143
SUEZ	00	9	00	0	0	0	–	14.6	25.2	29	02	9	06	2	2	5	8	15.8	+1.3	17.5	27	0	15	–	60	0	37	15	144
UPPER EGYPT																													
FAIYUM	01	8	30	3	1	4	4	16.2	22.8	38	00	8	32	3	1	2	4	14.7	-0.1	17.2	25	-3	13	+0	50	0	35	8	153
MINYA	01	9	28	3	1	4	2	15.1	26.8	24	01	8	32	2	1	3	4	12.7	-1.6	18.5	27	-3	14	+1	50	0	1	–	154
ASYUT	01	7	20	1	1	4	2	14.7	28.8	27	00	7	22	1	0	0	–	12.0	-2.1	18.5	30	-1	12	-2	50	0	14	4	155
QENA	00	9	26	2	0	0	–	13.0	32.8	24	05	7	08	1	0	0	–	11.6	-1.5	21.3	34	-1	15	-2	39	0	20	–	156
LUXOR	00	7	28	2	0	0	–	13.1	32.0	17	00	7	02	2	0	0	–	12.4	–	26.0	34	–	13	–	30	0	tr	–	157
ASWAN	01	9	02	3	1	4	1	12.4	31.6	07	00	9	00	0	0	0	–	12.3	-0.4	20.8	32	-3	17	-2	23	0	dr	–	158
WESTERN DESERT																													
SIWA	00	8	28	4	0	0	–	16.7	27.3	48	00	7	04	2	0	0	–	15.6	-0.2	19.9	28	-1	12	+1	50	0	5	8	148
BAHARIYA	00	9	00	0	0	0	–	15.0	27.3	33	00	9	32	2	0	0	–	14.7	-0.7	16.0	29	–	13	–	50	0	7	–	149
KHARGA	00	9	08	1	0	0	–	14.0	31.6	33	00	9	00	0	0	0	–	12.0	-1.8	23.7	33	0	14	0	40	0	4	–	151
DAKHLA	00	9	16	1	0	0	–	13.9	34.3	39	00	8	08	2	0	0	–	10.6	-3.6	24.0	35	+2	17	+3	60	0	tr	–	152
RED SEA																													
TOR	00	6	28	1	0	0	–	14.6	24.8	61	00	6	28	1	0	3	1	12.3	-0.3	20.3	26	-1	13	-3	79	0	3	13	145
HURGHADA	00	9	02	3	0	0	–	14.6	24.3	33	00	9	30	4	0	0	–	–	–	21.5	27	-1	14	-1	46	0	8	–	146
QUSEIR	00	8	04	3	0	0	–	13.6	23.2	68	00	8	28	1	0	0	–	11.6	-0.9	22.7	26	-2	17	-2	31	0	20	–	147
PORT SUDAN																										0	82	95	169
NORTH SUDAN																													
WADI HALFA	02	9	32	5	1	5	4				00	9	16	1	0	0	–	13		11					32	0	dr	–	165
KAREIMA	01	8	04	3	1	4	4	9	35	06	00	8	06	2	0	3	4	11		24					22	0	0	1	166
ATBARA	02	8	32	3	1	7	2	6	36	09	01	8	10	2	0	4	4	10		26					20	0	0	2	167
KHARTUM																										0	tr	4	168
KASSALA	01	8									01	8	06	2	0	4	4,1	7		28					35	0	9 [illegible]	10	170
CENTRAL SUDAN																													
WAD MEDANI	01	8	32	4	1	5	1	3	41	07	01	8	04	4	1	5	5	7		30					13	0	8	12	171
DUEIM																										0	4	14	173
RENK	00	9	24	3	0	0	–	3	41	16	00	9	30	3	0	0	–	6		34					15	–	–	51	182
ROSEIRES	03	7	20	2	1	8	6	4	39	34	00	7	10	2	1	0	–	6		34					32	0	5	43	172
EL OBEID	02	9	04	4	1	6	4,1	4	38	06	02	9	02	3	1	5	4,1	9		32					10	0	6	15	174
EL FASHER	02	7	32	3	1	5	5,1	–	36	14																0	5	6	175
GENEINA	01	7	16	1	1	4	1	–			02	8	02	2	1	8	4,5	–		26					08	–	–	5	179
KADUGLI	02	8	04	4	1	5	2	3	42	06	02	8	02	3	1	5	2	8		31					11	–	–	25	187
S. SUDAN																													
MALAKAL	01	7	12	2	1	5	8,4,1	3	39	15	01	8	02	2	1	5	–	7		34					09	0	52	103	176
WAU	02	7	00	0	1	6	2	7	38	35	02	8	08	2	1	7	4,6	10		26					58	0	193	194	177
JUBA	02	8	08	1	1	7	8,2	6	39	21	02	8	12	1	1	6	6,4	10		28					52	0	161	223	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 11th الرياح العليا يوم ١١

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 5h. 30m.	MINYA	ASYUT 7h.	ASWAN 7h.	WADI HALFA 7h.	KAREIMA	KHARTUM 7h.	KASSALA 7h.	EL OBEID 7h.	MALAKAL	JUBA
				02 01 20		02 07 15	02 17 10	10 07 35		15 19 15	10 07 15	10 05 60		
				05 03 25		05 12 05	05 16 15	15 08 15		20 19 15	15 04 15	15 05 50		
				08 02 30		10 23 20	10 13 05	20 04 15			20 02 15	20 05 45		
				10 26 35		15 24 50	15 33 10	30 27 30			30 29 25	30 17 40		
				15 31 40		20 24 70	20 34 10	40 26 50						
				20 27 55				50 27 50						
				22 27 45										
				25 27 55										
				27 25 40										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 10th	Diff. from normal	Wet bulb temp. °C on 10th	Diff. from normal
Alexandria	64	-2	12.1	-3.2
Ezbekiya	57	+2	13.7	-1.5
Gîza	69	+12	14.1	-0.8
Helwân	55	+13	14.9	-1.5

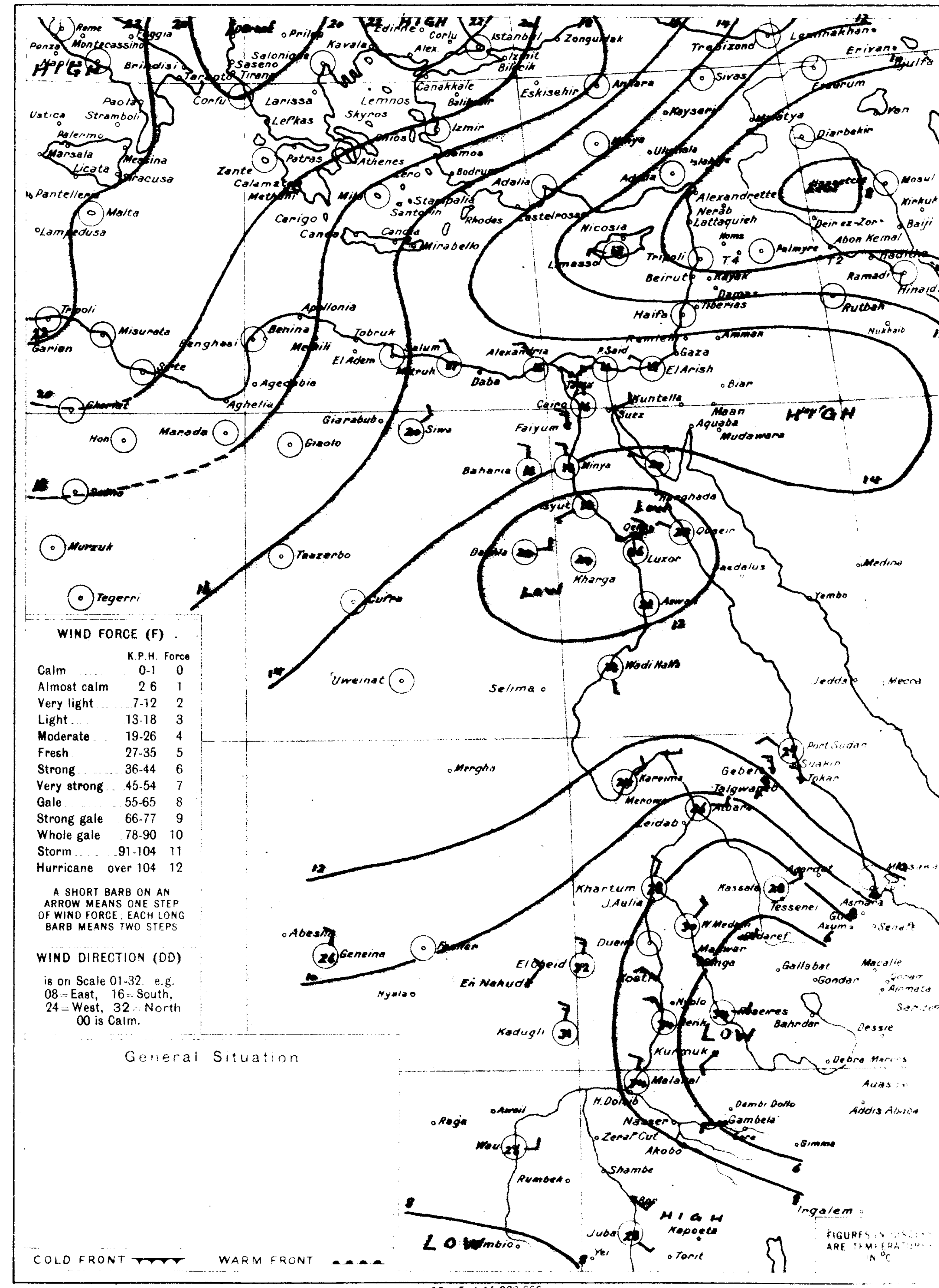
Gîza Grass minimum on 11th 5.9 °C

Discharges at Aswân measured by sluices m³ per sec.

DATE	1945	1939
11 - 4	810	810
10 - 4	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.37	-0.13
Nasser				4.99	-0.33
Malakâl		9.66	-0.39	9.68	-0.38
Roseires		11.27	-0.08	11.30	-0.04
Sennâr Res.				16.08	
J. Aulia U.S					
J. Aulia D.S					
Khartum				10.38	+0.02
Kh. el Girba					
Atbara		10.34	+0.36	10.33	+0.35
Kajnarti				132.50	+0.67
Aswân Res.		109.95		109.98	
Aswân D.S.		84.97	-0.6	84.97	-0.6
Roda (Cairo)				15.[illegible]	[illegible]

Isobars, Wind and Temperature at 8 h. 11 - 4 - 1945 ١٩٤٥/٤/١١



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

At 8 h. on 11th ١١ الساعة ٨

STATION محطة	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
H. Hamadi	00	8	00	0	0	0	–	11.2	–	22.9	31	–	12	–	41	0	16	–
Limassol	00	9	26	2	0	0	–	10.2	-2.8	13	–	–	–	–	–	0	630	432
SHIPS سفن																		

Remarks

Water Temp. R. Nile Cairo 20.5°c.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

70733

CAIRO
Time of Sunrise 05 h 31 m
Sunset 18 h 20 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month April 1945 ١٩٤٥ شهر ابريل

At 14 h. on 11 th ١١ الساعة ١٤ يوم — At 8 h. on Thursday 12 th ١٢ الساعة ٨ الفجر

Region	Station	ww (14h)	V	DD	F	W	N	C	PPP	TTT	UU	ww (8h)	V	DD	F	W	N	C	Bar. M.S.L. 1000+ mbs.	Diff. from normal	Dry Bulb °C	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
Mediterranean	SALUM																													130
	MATRUH	01	9	30	3	1	3	8	16.3	17.0	52	01	9	02	2	1	5	8	18.8	+3.9	16.0	18	-4	14	+1	50	0	102	157	131
	DIKHEILA																													150
	ALEXANDRIA	00	9	02	4	0	0	-	15.2	18.0	46	01	9	04	1	2	4	8	17.5	+2.9	15.7	19	-4	13	-2	55	0	254	182	132
	DAMIETTA	00	8	28	2	1	1	4	14.0	18.0	49	00	8	16	1	1	3	8	17.5	—	15.7	19		9		64	0	100	102	159
	PORT SAÏD	00	8	30	3	0	0	-	13.6	20.5	47	00	8	20	3	0	3	8	16.3	+2.8	15.7	22	-1	13	-2	60	0	83	74	134
	EL ARISH	00	9	20	2	0	0	-	~~14.7~~	18.7	47	01	8	20	1	1	4	8	16.3	+2.3	16.8	19	-4	12	0	54	0	248	88	135
Lower Egypt	DAMANHUR	00	7	24	4	0	3	8	14.4	18.8	47	01	6	20	3	1	3	8	16.8	+2.3	15.2	20	-7	8	-4	59	0	128	95	136
	MANSURA	01	8	30	2	1	3	8	13.9	21.0	34	41	-	24	2	4	0	-	16.7	—	16.0	22	-5	8	-4	57	0	61	49	137
	TANTA	00	8	00	0	0	0	-	14.3	22.0	43	00	8	00	0	0	0	-	17.6	+2.8	14.0	23	-5	7	-4	67	0	58	37	138
	ZAGAZIG	00	7	28	2	0	2	8	-	22.6	39	00	7	32	2	0	0	-	16.7	+1.9	16.2	23	-5	9	-2	61	0	46	25	139
Middle Egypt (Cairo)	ALMAZA	00	8	30	2	0	0	-	15.0	21.2	36	00	7	04	1	0	0	-	17.6	—	15.0	23	·	11		57	0	52		141
	EZBEKIYA	05	7	32	3	0	0	-	13.9	22.8	40	05	6	32	1	0	1	8	17.5	+2.7	16.2	23	-5	11	-2	56	0	46	23	
	GIZA	00	8	30	2	0	0	-	13.8	22.6	29	00	7	30	2	0	0	-	17.2	+2.4	14.7	23	-5	7	-3	58	0	46	23	
	HELWAN	00	8	26	5	0	0	-	13.1	21.1	34	00	7	32	3	0	0	-	17.4	+3.0	14.2	22	-6	9	-5	55	0	54	26	143
	SUEZ	00	9	02	3	0	0	-	12.7	22.0	44	00	9	02	2	0	0	-	17.1	+2.6	15.0	25	-2	10	-5	61	0	37	15	144
Upper Egypt	FAIYUM	00	8	32	3	0	0	-	13.4	22.5	32	00	8	32	4	0	0	-	17.5	+2.7	15.0	24	-4	10	-2	57	0	75	8	153
	MINYA	00	9	28	3	1	0	-	12.3	26.4	27	00	8	32	3	0	0	-	16.8	+2.6	15.8	26	-4	10	-3	60	0	1		154
	ASYUT	00	7	26	1	0	0	-	10.4	29.1	21	00	7	22	1	0	0	-	15.4	+1.4	19.1	30	-1	14	0	39	0	14	4	155
	QENA	00	9	26	2	0	0	-	8.6	35.8	14	05	7	28	1	0	0	-	13.0	0.0	18.8	37	+2	15	-1	47	0	20		156
	LUXOR	00	7	28	3	0	0	-	9.4	36.7	08	00	7	02	2	0	0	-	13.4	—	24.0	38		13		33	0	tr		157
	ASWAN	00	9	00	0	0	0	-	8.7	38.0	07	00	9	32	1	0	0	-	11.6	-1.0	22.0	36	+1	19	0	24	0	dz	—	158
Western Desert	SIWA	00	8	04	2	0	0	-	16.0	25.0	61	21	7	00	0	5	6	5	19.1	+3.4	15.8	27	-2	10	-2	71	tr	5	8	148
	BAHARIYA	00	9	00	0	0	0	-	13.2	26.0	36	00	9	00	0	0	0	-	17.2	+1.9	15.0	28		8		49	0	7		149
	KHARGA	00	9	16	1	0	0	-	9.0	35.2	38	18	-	04	5	2	0	-	13.6	-0.1	19.3	37	+4	17	+3	57	0	4	—	151
	DAKHLA	00	9	28	3	0	0	-	8.8	33.0	28	00	8	28	1	0	0	-	16.3	+2.2	17.8	34	+1	15	+1	50	0	tr		152
Red Sea	TOR	00	6	28	2	0	0	-	11.6	23.2	68																	3	13	145
	HURGHADA	00	9	02	2	0	0	-	...	24.5	37	00	9	30	6	0	0	-	—	—	22.0	27	-1	17	+2	43	0	8	—	146
	QUSEIR	00	8	04	2	0	0	-	11.2	24.2	66	00	8	32	4	0	0	-	11.8	-0.7	21.3	24	-4	19	0	57	0	20	—	147
	PORT SUDAN																										0	82	95	169
North Sudan	WADI HALFA											01	9	00	0	1	5	4	11		22					19	0	dz		165
	KAREIMA											02	8	06	2	1	5	4,8	10		26					17	0	0	1	166
	ATBARA											01	8	04	2	0	3	4,8	8		27					17	0	0	2	167
	KHARTUM																										0	tr	4	168
	KASSALA											02	8	01	1	0	5	4,3	6		33					26	0	9 ~~17~~	10	170
Central Sudan	WAD MEDAN											01	8	04	2	1	5	4	7		30					19	0	8	13	171
	DUEIM																										0	4	14	173
	RENK											00	8	20	3	0	0	-	4		32					17	—	—	51	152
	ROSEIRES											02	7	14	2	5	6	4	5		33					62	tr	1	44	172
	EL OBEID											02	9	04	2	1	5	4,5	8		27					13	0	6	17	174
	EL FASHER											02	8	00	0	1	7	4,5	—		26					21	0	5	6	175
	GENEINA											02	8	01	3	1	5	4,5	—		26					06	—	—	5	179
	KADUGLI											02	8	28	2	2	5	4	7		32					16	—	—	95	187
S. Sudan	MALAKAL											02	8	08	1	1	8	6,4,8	6		32					38	0	52	104	176
	WAU											51	7	00	0	5	8	6,5	8		26					79	tr	193	196	177
	JUBA											02	8	18	1	1	6	4,2	10?		28					45	0	~~158~~ 161	227	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 12 th

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 30 m.	MINYA	ASYUT 7 h. / ASWAN 7 h. / WADI HALFA 7 h. / KAREIMA 7 h. / ~~KHARTUM~~ Kassala 7 h. / KASSALA 7 h. / EL OBEID 7 h. / MALAKAL 7 h. / JUBA 7 h.
				02 36 30		02 02 20 02 30 15 10 05 05 10 05 30 10 02 2020 14 05 10 03 45 10 12 10 10 20 15
				05 01 20		05 01 30 05 36 20 15 05 05 15 06 15 15 05 20 30 09 30 20 05 25 15 16 40 15 16 25
				08 03 20		10 34 35 10 18 30 20 29 10 20 24 05 20 21 05 40 13 40 40 30 05 20 07 05 20 14 10
				10 02 20		15 31 30 15 24 15 30 29 30 27 25 40 17 15 50 15 45 50 03 15
				15 33 40		20 27 25 20 22 20 40 27 - 50 17 30 60 22 25
				20 29 35		25 23 35 50 24 -
				23 29 25		30 21 25
				25 30 25		
				30 30 30		
				35 29 45		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 11 th	Diff. from normal	Wet bulb temp. °C on 11 th	Diff. from normal
Alexandria	58	-9	11.5	-3.8
Ezbekiya	57	+2	13.0	-1.5
Giza	61	+4	12.9	-2.0
Helwan	48	+6	11.7	-1.8

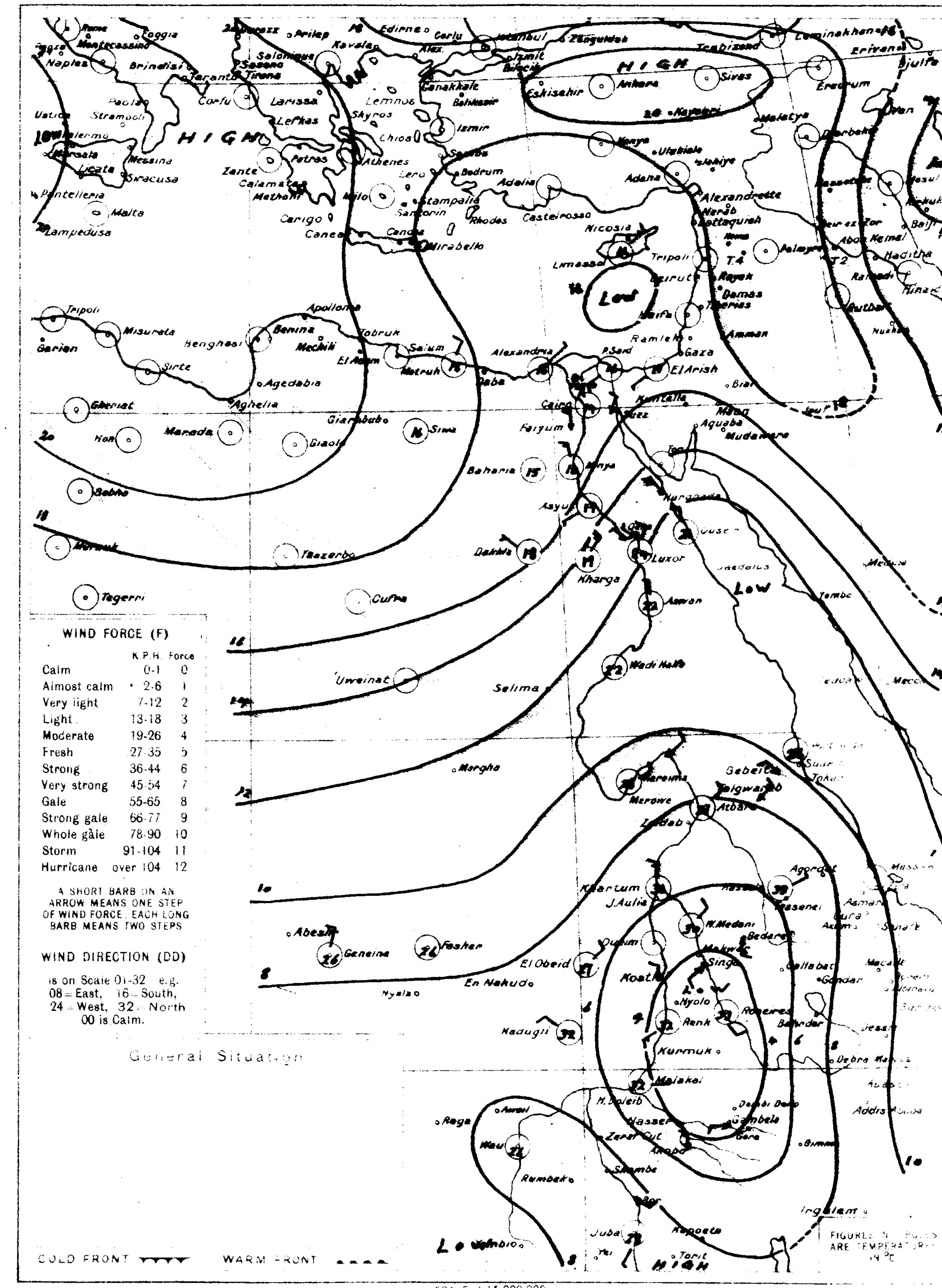
Giza Grass minimum on 12 th 4.0 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1945	1939
12 - 4	810	810
11 - 4	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.27	-0.92
Nasser				4.95	-0.41
Malakal		9.66	-0.42	9.60	-0.39
Roseires		11.25	-0.10	11.27	-0.08
Sennâr Res.				15.97	
J. Aulia U.S				373.42	
J. Aulia D.S				371.59	+0.71
Khartûm				10.42	+0.06
Kh. el Girba					
Atbara		10.34	+0.36	10.34	+0.36
Kajnarti				132.50	+0.64
Aswân Res.		119.96		119.95	
Aswân D.S.		84.96	-0.62	84.97	-0.61
Roda (Cairo)		15.58	+0.07	15.58	+0.05

— ١٩٤٥/٤/١٢ Isobars, Wind and Temperature at 8 h. 12 - 4 - 1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE, EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32 e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

At 8 h. on 12 th

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs.	Diff. from normal	Dry Bulb °C	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
H. Hamadi	00	8	29	1	0	0	-	13.5	—	21.8	35	—	15	—	31	0	18	—
Limasol	00	9	04	3	0	0	—	16.2	+3.2	16	—	—	—	—	—	0	630	433

SHIPS سفن

Remarks

Water Temp R. Nile Cairo 20.2 C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin haze	05
Dust Devils	06
Distant lightning	07
Light Mist or Haze	08
Distant fog	09

PAST WEATHER (W)

Mainly cloudy	2
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38 554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO

Time of Sunrise 05 h 30 m

Sunset 18 21

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month APRIL, 1945 — ١٩٤٥ — شهر ابريل

١٩٤٥ - ٤ - ١٣ Isobars, Wind and Temperature at 8 h. 13 - 4 - 1945

At 14h on 12th — ١٢ — الساعة ١٤ يوم

At 8 h on FRIDAY, 13th — ١٣ — الجمعة — الساعة ٨ يوم

	STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	°C TEMP TTT	% HUMIDITY UU	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	% HUMIDITY UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	STATION NUMBER
MEDITERRANEAN	SALUM																													130
	MATRUH	01	9	32	2	1	4	8	18.7	17.0	43	01	9	32	2	1	4	8	—	—	16.7	17	-5	15	-2	61	0	102	157	131
	DIKHEILA																													150
	ALEXANDRIA	02	9	04	2	2	5	8	18.2	17.7	49	01	9	32	1	2	4	8	20.4	+5.9	16.8	19	-4	13	-2	53	0	254	182	132
	DAMIETTA	01	8	30	2	1	4	8	17.0	16.7	58	01	8	18	1	1	3	8	19.6	—	17.2	19	—	9	—	57	0	100	102	159
	PORT SAID	00	8	04	3	0	3	8	16.4	19.7	50	01	8	28	3	1	4	8	18.8	+5.3	15.8	20	-3	13	-3	60	0	83	74	134
	EL 'ARISH	01	9	30	2	1	3	8	14.4	17.6	53	01	9	20	1	1	3	8	—	—	17.8	22	-4	12	0	62	0	248	88	135
LOWER EGYPT	DAMANHUR	01	7	24	4	1	4	8	16.8	19.8	43	01	6	32	3	1	3	8	19.9	+5.4	15.2	21	-6	9	-3	56	0	128	96	136
	MANSURA	01	8	32	2	1	4	8	16.3	21.8	34	00	8	12	1	0	0	—	19.5	—	16.2	23	-4	7	-5	47	0	61	49	137
	TANTA	01	8	00	0	1	4	8	16.3	22.0	39	01	8	28	2	1	4	8	20.7	+6.0	16.0	22	-6	7	-4	57	0	58	37	138
	ZAGAZIG	00	7	20	2	0	2	8	16.3	21.2	50	00	7	20	2	0	0	—	19.5	+4.8	16.2	23	-5	8	-3	61	0	46	25	139
MIDDLE EGYPT	CAIRO: ALMAZA	00	7	02	1	0	1	8	17.1	20.8	35	00	7	30	1	0	0	—	20.0	—	14.5	22	—	10	—	54	0	52	—	141
	CAIRO: EZBEKIYA	00	8	32	1	0	1	8	15.9	21.4	42	05	6	26	1	0	0	—	19.9	+5.2	15.8	23	-5	10	-3	62	0	46	23	—
	CAIRO: GIZA	00	8	30	1	0	1	8	15.8	21.9	33	05	6	30	1	0	1	8	20.0	+5.3	14.0	22	-6	6	-4	60	0	46	23	—
	HELWAN	00	8	30	4	0	0	—	15.6	20.8	29	05	6	28	1	0	0	—	19.9	+5.5	12.9	21	-7	9	-5	60	0	54	26	143
	SUEZ	00	9	02	2	0	0	—	15.0	21.0	39	00	9	02	2	0	0	—	19.8	+5.4	16.2	24	-4	10	-5	64	0	37	15	144
UPPER EGYPT	FAIYUM	00	8	32	3	0	0	—	15.9	21.5	29	00	9	32	2	0	2	6	20.2	+5.5	14.9	23	-6	9	-3	54	0	75	8	153
	MINYA	00	8	30	3	0	0	—	15.0	25.0	29	00	8	32	2	0	0	—	20.2	+6.1	15.2	26	-5	9	-4	66	0	1	—	154
	ASYUT	00	8	30	2	0	0	—	13.5	25.2	20	00	7	22	1	0	0	—	19.6	+5.7	16.9	27	-4	10	-4	54	0	14	4	155
	QENA	00	9	24	1	0	0	—	9.9	32.8	16	01	7	04	3	0	4	1	17.0	+4.1	22.7	34	-1	15	-1	26	0	20	—	156
	LUXOR	00	7	32	1	0	0	—	11.0	33.8	18	01	7	14	2	1	5	1	17.4	—	23.0	35	—	13	—	31	0	Tr.	—	157
	ASWAN	01	9	32	1	1	4	1	8.3	35.0	05	02	9	32	1	1	5	9	15.5	+2.9	20.0	35	0	18	-1	25	0	dt.	—	158
WESTERN DESERT	SIWA	00	8	24	3	0	0	—	19.0	22.3	42	00	7	00	0	0	0	—	21.8	+6.2	14.0	24	-5	8	-4	62	0	5	8	148
	BAHARIYA	01	9	00	0	1	4	—	16.2	25.5	39	00	9	00	0	0	0	—	20.6	+5.3	14.0	27	—	8	—	57	0	7	—	149
	KHARGA	00	9	32	3	0	0	—	12.8	28.2	56	00	9	32	3	0	0	—	18.8	+5.2	18.8	29	-4	15	0	56	0	4	—	151
	DAKHLA	00	9	28	3	0	0	—	13.4	27.0	49	00	8	04	2	0	0	—	20.8	+6.0	18.4	28	-5	15	+1	67	0	Tr.	—	152
RED SEA	TOR																												13	145
	HURGHADA	00	9	02	2	0	0	—	12.6	24.5	37	01	8	30	5	1	4	8	16.4	+3.9	20.0	26	-2	14	-2	47	0	8	—	146
	QUSEIR	00	8	32	3	0	0	—	12.2	23.6	48	00	8	32	4	0	0	—	15.2	+2.8	20.0	25	-3	19	0	46	0	20	—	147
	PORT SUDAN																										0	82	95	169
NORTH SUDAN	WADI HALFA	02	9	30	2	1	8	2	8	35	09	02	9	30	4	1	8	2	13?		22					21	0	dt.	—	165
	KAREIMA	02	8	04	3	1	7	4,2	6	37	07	02	8	30	2	6	8	4,5	12		29					10	Tr.	Tr.	1	166
	'ATBARA	01	8	02	2	1	4	4,2	3	39	09	02	8	04	3	1	5	5,1	9		31					11	0	0	2	167
	KHARTUM																										0	Tr.	4	168
	KASSALA	00	8	26	1	1	3	8	1	42	15	02	8	00	0	5	8	4,5	10		26					70	Tr.	9	10	170
CENTRAL SUDAN	WAD MEDANI	00	8	00	0	1	3	1	0	42	10	12	7	32	5	2	6	6	8		32					06	0	8	13	171
	DUEIM																										0	4	14	173
	RENK	00	9	20	3	0	0	—	1	42	14	03	9	16	3	1	8	8	8		27	—	—	—		52	—	—	51	182
	ROSEIRES	01	7	06	2	0	4	1	2	41	16	02	7	14	2	5	8	6	9		87					52	1	2	44	172
	EL OBEID	02	9	06	3	1	5	4,5	2	39	10	18	6	02	5	1	5	4,5	9		30					25	0	6	17	174
	EL FASHER	02	9	12	2	1	8	4,5	—	36	13	02	8	14	2	6	8	4,5	—		—					—	Tr	5	6	175
	GENEINA	02	8	20	2	1	6	4,5	—	34	05	02	8	00	0	1	8	4,5	—		26					16	—	—	5	179
	KADUGLI	02	8	08	3	1	5	4	3	40	12	02	7	32	3	2	6	4	8		33					11	—	—	95	187
S. SUDAN	MALAKAL	01	8	16	4	1	4	4	2	39	21	64	7	32	4	9	8	9	—		23					89	Tr.	52	105	176
	WAU	02	8	06	2	1	5	8,4	4	37	25	02	8	00	0	1	7	4,5	9		28					52	0	193	198	177
	JUBA	01	8	08	2	1	5	8,4	2	40	14																0	158 (61)	231	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 13/4 — الرياح العليا يوم ١٣

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	GENEINA	KASSALA	EL OBEID	FASHER	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.
								10 03 55	10 30 25	10 16 45	10 36 30	10 36 45	10 17 25	
								15 31 10	15 31 45	15 18 30	15 34 35	15 01 55	15 16 20	
								20 21 25	20 31 55	20 22 15	20 35 55	20 02 55	20 16 20	
								40 23 70	30 29 35	40 15 05		40 03 20	40 15 30	
								45 26 50		45 06 05		45 07 25		
										50 27 30				

Forecast for 24 hours from noon on

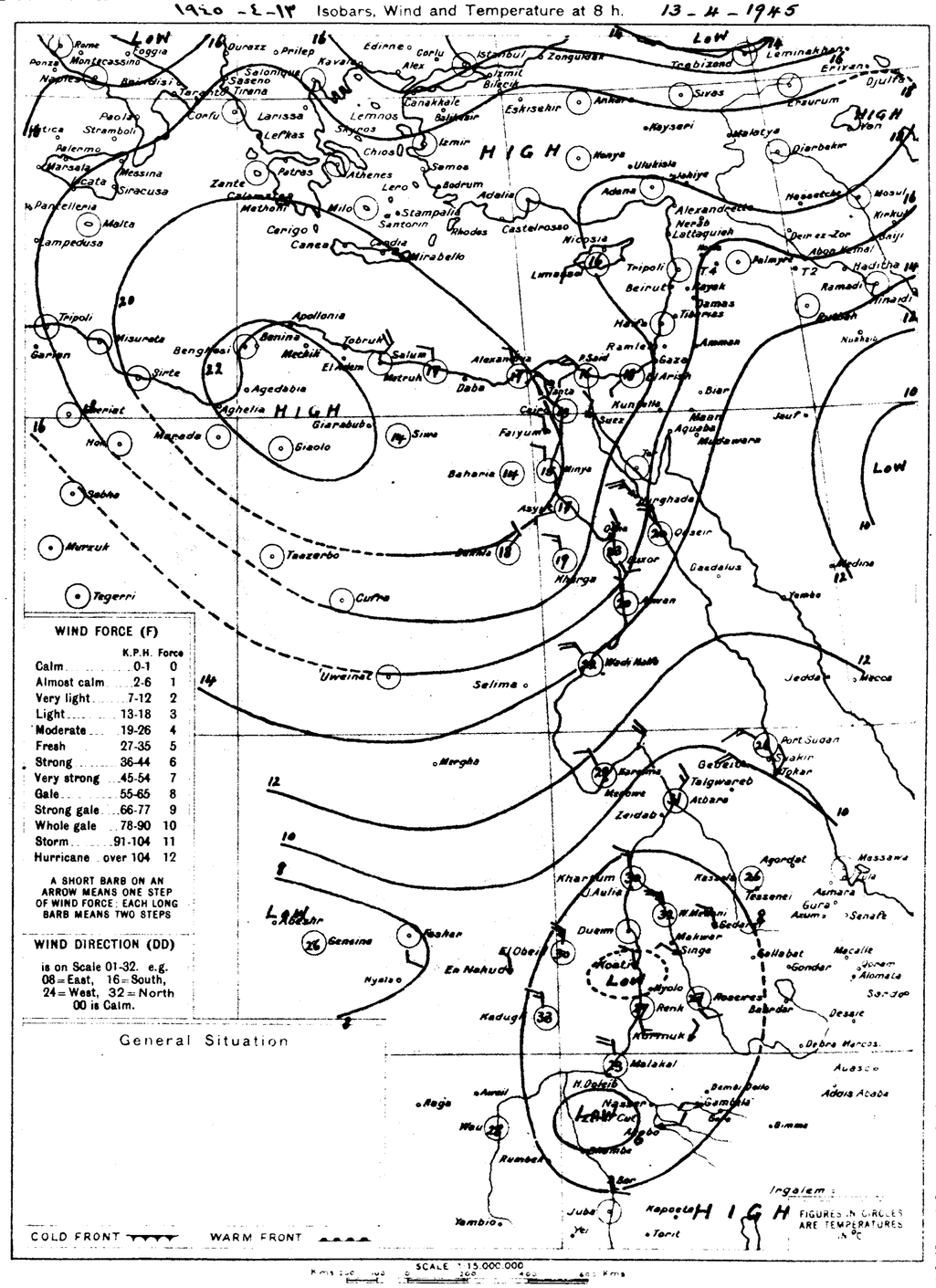
تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 12/4	Diff. from normal	Wet Bulb Temp °C on 12/4	Diff. from normal
Alexandria	55	-12	11.5	-3.9
Ezbekiya	53	-2	12.5	-2.8
Giza	58	+1	12.5	-2.5
Helwan	48	+6	11.1	-2.4
Giza Grass minimum			13/4 3.1	°C

Discharges at Aswan measured by sluices m³ per sec

DATE	1945	1944
13-4	810	810
12-4	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jubba		12.36	-0.93	12.36	-0.93
Nasser		4.92	-0.54	4.92	-0.48
Malakal		9.65	-0.43	9.66	-0.42
Roseires	4	11.24	-0.11	11.25	-0.10
Sennar Res		16.04	—	16.03	—
J. Aulia U.S	1	373.05	—	373.24	—
J. Aulia D.S		371.57	+0.70	371.58	+0.70
Khartum	12	10.40	+0.03	10.42	+0.05
Kh. el Girba					
Atbara		10.35	+0.37	10.34	+0.36
Kajnarti		135.48	+0.63	132.48	+0.63
Aswan Res.		119.93	—	119.96	—
Aswan D.S.		84.98	-0.59	84.96	-0.62
Roda (Cairo)		15.62	+0.11	15.58	+0.07



STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs PPP	Diff. from normal mbs	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm °C	Minimum Today °C mm	Minimum Diff. from norm °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	26	1	1	3	4	17.4	—	19.0	29	—	12	—	45	0	16	—
Limassol	00	9	22	2	0	1	—	17.5	-4.5	16	—	—	—	—	—	0	630	434

SHIPS — سفن

Remarks
Water Temp.
River Nile Cairo
19.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30 34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90 99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise 05 h 29 m
Sunset 18 21

Month April 1940 ١٩٤٠ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 13 ١٣ الساعة ١٤ يوم — At 8 h. on Saturday 14 ١٤ السبت الساعة ٨

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM																						—						—	130
MATRUH	01	9	31	2	2	4	8	22.2	17.7	56	01	9	20	9	1	4	8	21.9	+7.1	17.8	19	-3	10	-3	57	0	102	157	131
DIKHEILA																						—		—				—	150
ALEXANDRIA	02	9	02	2	2	5	8	21.1	19.6	52	00	9	00	0	0	0	—	22.7	+8.2	18.8	21	-3	13	-2	65	0	254	182	132
DAMIETTA	01	8	32	3	1	4	8	20.0	18.0	62	01	8	30	1	1	4	8	22.6	—	17.1	19	—	10	—	74	0	100	102	159
PORT SAÏD	02	8	30	3	2	5	8	19.1	19.6	49	01	8	04	2	1	4	8	22.3	+8.9	17.4	21	-2	14	-2	67	0	83	74	134
EL ARÎSH											01	9	05	0	1	3	8	20.8	+6.9	19.2	20	-4	12	-1	60	0	248	88	135
LOWER EGYPT																													
DAMANHÛR	02	6	32	3	2	5	8	19.5	18.2	65	00	6	28	3	0	0	—	22.6	+8.2	15.3	20	-7	8	-4	76	0	128	96	136
MANṢURA	01	7	02	1	1	4	9	19.9	20.2	42	00	8	32	2	0	0	—	22.6	—	17.0	22	-5	8	-4	75	0	61	49	137
TANTA	02	7	28	2	2	6	8	19.6	19.5	43	00	8	30	1	0	0	—	23.0	+8.3	15.0	20	-8	5	-6	82	0	58	37	138
ZAGÂZÎG	02	6	04	2	1	5	8	19.4	21.2	36	00	7	02	2	0	0	—	22.4	+7.8	15.9	22	-6	9	-2	72	0	46	25	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	8	02	2	1	4	6	20.4	20.6	32	05	6	02	1	0	1	8	22.7	—	15.0	21	—	10	—	68	0	52	—	141
CAIRO EZBEKÎYA	01	8	30	2	1	4	8	19.4	20.9	39	05	5	32	1	0	0	—	22.4	+7.8	16.2	22	-7	10	-3	67	0	46	23	—
CAIRO GÎZA	00	8	28	2	1	2	8	19.2	20.3	31	09	5	30	2	0	0	—	22.4	+7.8	13.8	21	-7	7	-4	79	0	46	23	—
HELWÂN	01	8	30	3	1	4	8	19.0	19.8	26	05	6	02	2	0	1	8	22.2	+7.9	14.5	24	-7	10	-4	73	0	54	26	143
SUEZ	00	9	02	2	0	0	—	18.2	20.5	44	00	9	02	1	0	0	—	21.9	+7.6	15.1	22	-6	12	-3	75	0	37	15	144
UPPER EGYPT																													
FAIYÛM	01	8	32	3	1	4	8	19.4	20.8	31	00	8	32	3	0	0	—	22.0	+7.4	15.9	21	-8	10	-3	64	0	75	8	153
MINYA	01	8	30	4	1	4	8	19.2	22.6	26	00	9	30	2	0	0	—	21.6	+7.6	16.2	23	-7	11	-2	64	0	1	—	154
ASYÛT	00	8	30	2	0	0	—	17.9	22.0	29	00	7	30	1	0	0	—	21.1	+7.3	16.0	23	-8	9	-5	59	0	14	4	155
QENA	01	8	26	2	1	4	1	15.4	27.2	18	01	7	26	2	1	3	1	19.5	+6.7	16.2	28	-6	11	-5	47	0	20	—	156
LUXOR	01	7	30	3	1	5	—	16.2	27.0	20	00	7	06	2	0	0	—	19.4	—	20.3	28	—	11	—	34	0	tr.	—	157
ASWÂN	02	9	32	2	1	5	9	14.7	27.0	14	01	9	32	3	1	4	1	18.3	+5.8	18.0	27	-8	15	-4	28	0	dr.	—	158
WESTERN DESERT																													
SIWA	00	7	26	2	0	0	—	22.2	23.5	23	00	7	08	2	0	0	—	23.9	+8.3	16.0	25	-4	8	-4	55	0	5	8	148
BAHARÎYA	00	9	32	1	0	0	—	19.9	22.0	29	00	9	00	0	0	0	—	22.7	+7.5	15.5	25	—	8	—	59	0	7	—	149
KHARGA	01	9	32	3	1	4	2	17.4	22.2?	50?	01	9	32	3	1	3	1	20.0	+6.5	16.8	26	-7	12	-3	54	0	4	—	151
DÂKHLA	00	9	04	2	0	0	—	17.9	27.2	40	00	9	04	1	0	0	—	22.2	+8.3	17.5	27	-7	10	-4	66	0	tr.	—	152
RED SEA																													
TÔR																											3	13	145
HURGHÂDA	01	8	30	6	1	4	8	15.5	24.0	33	00	9	30	4	0	0	—	20.2	+7.8	19.5	26	-3	13	-3	35	0	8	—	146
QUṢEIR	02	8	32	4	1	7	5	15.9	22.0	45	00	8	32	4	0	0	—	17.5	+5.1	20.8	23	-5	17	-2	47	0	20	—	147
PORT SUDAN																										0	82	95	169
NORTH SUDAN																													
WÂDI HALFA	02	8	30	5	1	8	5	14	28	14	02	9	30	5	1	7	4,5	18		21					25	0	dr.	—	165
KAREIMA	02	8	08	1	1	8	5	9	33	14																0	0	1	166
ATBARA	18	6	30	4	1	4	4	6?	38	11																0	0	2	167
KHARTÛM																										0	tr.	4	168
KASSALA	01	8	02	2	1	5	4	5	37	20	01	8	04	4	1	4	1	10		28					45	0	9	10	170
CENTRAL SUDAN																													
WAD MEDANI	02	7	02	6	3	7	4	5	38	10	01	7	04	5	1	5	4	11		29					25	0	8	13	171
DUEIM																										0	4	14	173
RENK	02	9	28	3	2	5	8	6	35	18	00	9	04	6	0	0	—	—	—	33		—		—	19	—	—	52	182
ROṢEIRES	02	7	16	2	1	8	6	6	38	29	00	7	06	2	1	0	—	10		31					—	0	1	45	172
EL OBEID	02	8	02	4	1	8	4,5	6	34	20	02	9	32	4	1	5	4,5	11		24					22	0	6	17	174
EL FÂSHER	02	8	13	2	8	7	4,5	—	29	25																tr.	5	6	175
GENEINA																										—	—	5	179
KADUGLI	02	7	04	4	1	6	4	6	36	13	02	8	04	4	1	6	4	9								—	—	96	187
S. SUDAN																													
MALAKÂL	01	8	32	3	1	4	8,4	6	34	29	01	8	02	4	1	4	8	9		28					29	0	52	106	176
WÂU	18	6	02	4	1	5	8,4	6	35	18	02	8	32	3	1	5	4	9		—					—	0	193	200	177
JÛBA	02	8	04	3	1	6	8,4,1	4	39	20	02	8	04	1	1	7	4	10		29					48	0	158 161	235	178

UPPER WINDS ON 14 الرياح العليا يوم ١٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 30 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA h. m.	KHARTUM h. m.	KASSALA h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA 7 h. m.
				02 03 25		02 01 15	02 35 25	10 03 35				10 02 40	10 01 70	10 06 20
				05 02 40		05 01 40	05 02 30	15 35 20				15 04 50	15 03 45	15 03 30
				08 04 05		10 33 35	10 04 15	20 35 20				20 05 55	20 05 60	20 06 25
				10 01 14		15 36 35	15 01 15	30 34 30				30 08 10	30 12 15	30 12 30
				15 05 30		20 34 25	20 01 20					40 21 15		40 13 25
				20 03 15		30 32 20								
				23 02 25										
				25 02 20										
				30 35 15										
				40 35 20										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 13	Diff. from normal	Wet Bulb Temp. °C on 13	Diff. from normal
Alexandria	56	-11	12.6	-2.9
Ezbekîya	58	+3	12.9	-2.5
Gîza	58	+1	12.1	-3.0
Helwân	51	+10	10.8	-2.8

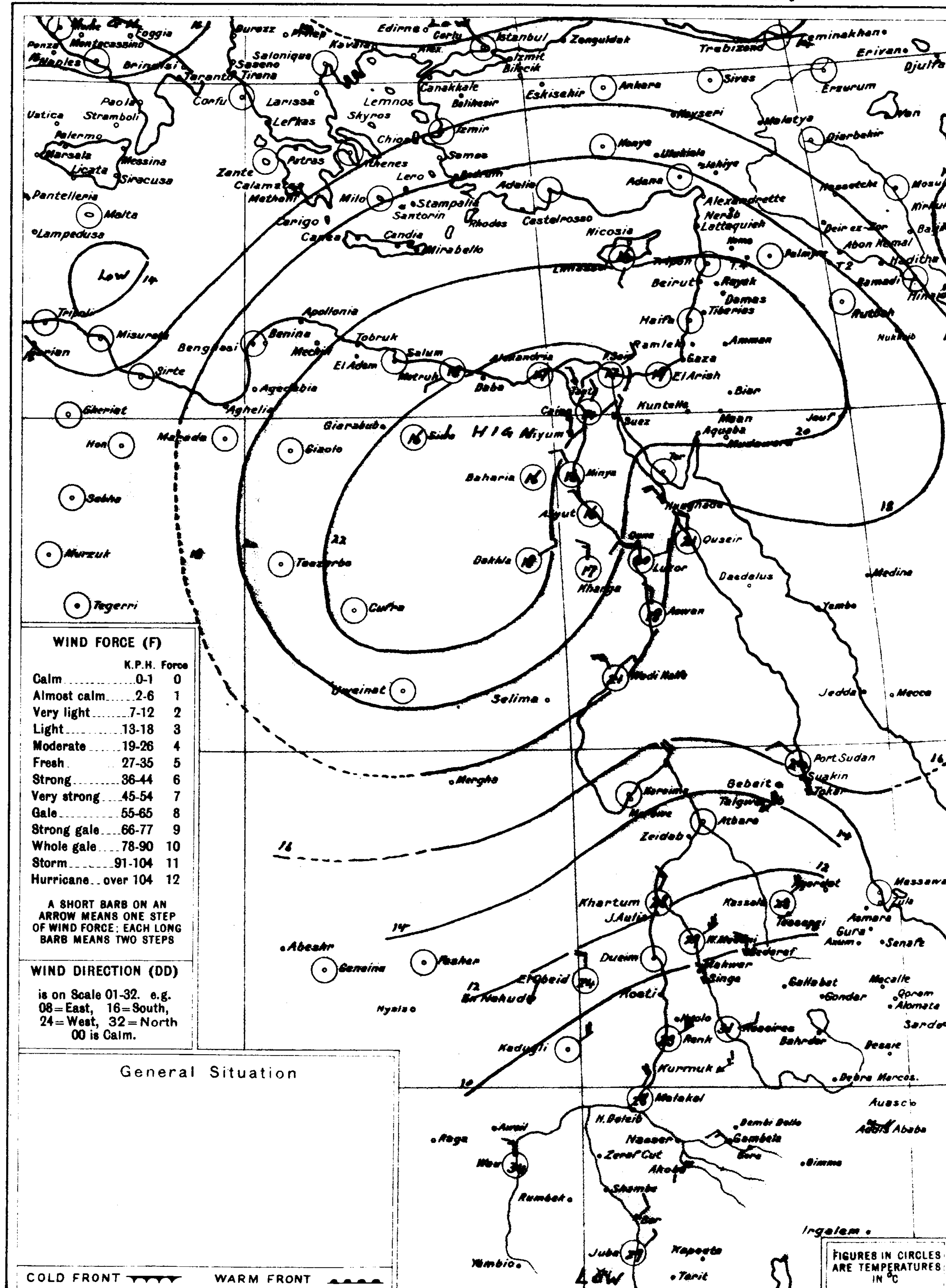
Gîza Grass minimum on 13: 3.4 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1940	1939
14-4	810	810
13-4	810	810

GAUGE	Date 1940	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.34	-0.93
Naṣṣer				4.98	-0.54
Malakâl		9.65	-0.43	9.65	-0.43
Roṣeires		11.23	-0.11	11.24	-0.11
Sennar Res.				10.09	
J. Aulia U.S.				373.08	
J. Aulia D.S.				371.57	+0.70
Khartûm				10.20	+0.08
Kh. el Girba					
'Atbara				10.35	+0.37
Kajnarti				132.48	+0.63
Aswân Res.		119.90		119.93	
Aswân D.S.		84.98	-0.59	84.98	-0.59
Rôda (Cairo)		15.64	+0.13	15.62	+0.11

١٩٤٠/٤/١٤ Isobars, Wind and Temperature at 8 h. 14.5.1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 14 الساعة ٨ يوم ١٤

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs. mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	1	4	18.8	—	20.0	25	—	10	—	32	0	16	—
[illegible]	00	9	10	1	0	0	—	19.2	+6.4	16	—	—	—	—	—	0	630	435
SHIPS سفن																		

Remarks

Water Temp. R. Nile Cairo 19.6 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 05 28 (h m)
Sunset 18 22

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month April 1946 ١٩٤٥ شهر ابريل

STATION	14h on 14th: Present Weather ww	V	Wind DD	F	Past Weather W	Cloud N	C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	8h on Sunday 15th: Present Weather ww	V	Wind DD	F	Past Weather W	Cloud N	C	Bar. Press. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																												—	130
MATRUH	01	9	08	2	1	5	8	—	20.6	48	01	9	12	3	1	3	8	18.8	+4.0	15.4	21	-1	12	-1	91	0	102	157	131
DIKHEILA																						—		—				—	150
ALEXANDRIA	00	9	04	1	0	0	—	22.3	19.0	58	00	9	12	2	0	0	—	20.0	+5.6	15.8	21	-3	12	-3	74	0	254	182	132
DAMIETTA	00	8	04	1	1	1	8	21.9	19.2	59	00	8	08	2	0	0	—	20.6	—	18.5	20	—	14	—	67	0	100	102	159
PORT SAID	00	8	04	2	0	0	—	21.8	19.7	58	00	8	06	3	0	0	—	20.0	+6.6	17.8	22	-1	15	-1	68	0	83	74	134
EL 'ARISH	00	9	30	1	0	0	—	20.2	19.3	59	00	9	30	1	0	0	—	19.1	+5.2	18.1	20	-4	12	-1	65	0	248	86	135
LOWER EGYPT																													
DAMANHUR	00	7	04	3	0	0	—	21.2	23.0	38	00	6	04	4	0	0	—	19.6	+5.2	16.8	25	-2	11	-1	72	0	128	96	136
MANSURA	01	8	02	2	1	3	8	21.6	23.0	38	00	8	08	3	0	0	—	18.6	—	18.0	26	-1	11	-1	69	0	61	49	137
TANTA	00	8	00	0	0	0	—	21.0	24.6	43	00	8	00	0	0	0	—	19.8	+5.1	15.3	28	-3	8	-3	86	0	58	37	138
ZAGAZIG	00	7	08	3	0	1	8	21.4	22.2	43	00	7	04	2	0	0	—	19.9	+4.9	16.6	22	-7	13	+1	77	0	46	26	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	7	04	3	0	1	8	21.9	22.7	37	00	8	07	5	0	0	—	19.8	—	16.8	24	—	12	—	64	0	52	—	141
CAIRO EZBEKIYA	00	8	32	3	0	0	—	21.2	22.9	43	00	7	00	3	0	0	—	19.8	+4.2	17.7	25	-4	13	-1	66	0	46	23	—
CAIRO GIZA	00	6	02	3	0	1	8	21.1	23.2	33	00	6	02	3	0	0	—	19.1	+4.9	17.0	24	-4	11	0	67	0	46	23	—
HELWAN	00	7	02	4	0	0	—	21.0	22.4	28	00	8	06	3	0	0	—	18.4	+4.2	17.5	24	-4	13	-1	55	0	54	26	143
SUEZ	00	9	02	3	0	0	—	20.2	22.7	48	00	8	00	0	0	0	—	18.8	+4.6	17.2	25	-3	12	-3	68	0	37	15	144
UPPER EGYPT																													
FAIYUM	00	8	02	4	0	0	—	20.4	23.0	30	00	8	32	3	0	0	—	18.6	+4.0	16.9	25	-4	11	-2	62	0	75	8	153
MINYA	00	9	32	4	0	0	—	19.8	24.4	29	00	9	32	2	0	0	—	18.3	+4.3	15.6	25	-6	10	-3	65	0	82	—	154
ASYUT	01	8	30	2	1	3	2	18.6	24.5	27	00	7	32	1	0	0	—	18.0	+4.3	17.0	27	-4	10	-5	45	0	14	4	155
QENA	01	8	22	2	1	5	2	17.1	28.2	20	01	7	26	2	1	4	1	16.7	+4.0	21.0	29	-6	13	-3	35	0	20	—	156
LUXOR	00	7	28	2	0	0	—	17.1	28.6	20	00	7	26	2	0	0	—	17.4	—	23.2	29	—	13	—	36	0	82	—	157
ASWAN	02	9	32	1	1	5	4	15.2	27.6	13	02	9	32	1	1	5	4	15.5	+3.1	21.0	29	-6	16	-3	20	0	26	—	158
WESTERN DESERT																													
SIWA	00	8	04	2	0	0	—	21.1	26.0	13	00	7	00	0	0	0	—	19.6	+4.1	16.8	28	-1	8	-4	53	0	5	8	148
BAHARIYA	00	9	32	1	0	0	—	20.3	23.5	16	00	9	00	0	0	0	—		—	15.0	26	—	9	—	49	0	7	—	149
KHARGA	01	9	32	3	1	4	2	18.3	24.9	43	00	9	00	0	0	0	—	18.0	+4.5	16.9	26	-8	10	-5	60	0	4	—	151
DAKHLA	00	9	32	3	0	0	—	19.0	25.0	53	00	8	00	0	0	0	—	18.8	+5.0	15.6	26	-8	8	-6	53	0	82	—	152
RED SEA																													
TOR																											3	13	145
HURGHADA	01	8	30	3	1	4	8	18.8	22.5	42	01	8	30	4	1	4	8	17.5	+5.1	20.5	25	-4	15	-1	45	0	8	—	146
QUSEIR	00	8	32	3	0	0	—	18.3	22.2	51	00	8	32	2	0	0	—	15.0	+2.7	22.3	23	-5	18	-2	42	0	20	—	147
PORT SUDAN																										8	90	15	169
NORTH SUDAN																													
WADI HALFA	02	9	32	4	1	8	5	16	27	13	00	9	30	3	1	2	4	16		19					23	0	42	—	165
KAREIMA	02	8	32	3	1	5	4	9	33	04	02	8	02	4	1	5	4	13		24					14	0	0	1	166
'ATBARA	01	8	04	3	8	4	4,2	8	36	15	01	8	32	4	1	4	4,1	12		25					19	tr	tr	2	167
KHARTUM																										0	tr	4	168
KASSALA	01	8	04	1	1	4	8,4	3	38	22	17	8	04	3	5	7	4,6	11		23					78	8	20 (17)	10	170
CENTRAL SUDAN																													
WAD MEDANI	01	8	02	4	1	4	3	5	38	11	02	8	02	5	1	5	3	11		29					08	0	8	13	171
DUEIM																										0	4	14	173
RENK	02	9	04	3	1	5	6,5	—	38	18	00	9	32	4	0	0	—	10	—	29		—		—	17	—	—	52	182
ROSEIRES											02	7	10	2	5	8	6	10		26						1	2	45	172
EL OBEID	02	8	06	4	1	6	4	6	36	10	01	8	02	4	1	4	4	12		25					14	0	6	17	174
EL FASHER	02	9	32	4	6	7	4,5	—	29	25	01	8	32	1	1	4	4	—		20					56	tr	5	6	175
GENEINA	51	8	28	2	5	8	6,0,5	—		57	01	8	32	3	1	4	4	—		22					53	—	—	5	179
KADUGLI	02	8	04	4	1	5	4,5,1	5	38	11	01	8	04	4	1	4	1	11		28					37	—	—	16	187
S. SUDAN																													
MALAKAL	01	8	02	4	1	4	8,4	4	38	18	01	7	32	7	1	3	4,1	9		30					17	0	52	107	176
WAU	01	7	06	3	1	5	6,4	5	36	15	01	8	02	2	5	4	4,1	11		28					19	tr	193	202	177
JUBA	02	8	12	2	1	6	8,2	5	38	21	02	8	24	1	0	5	4,2	10		30					55	0	198 (16)	238	178

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN (8 h. 30 m.)	MINYA	ASYUT (7 h.)	ASWAN (7 h.)	WADI HALFA (7 h.)	KAREIMA (7 h.)	KHARTUM (7 h.)	KASSALA (7 h.)	EL OBEID (7 h.)	MALAKAL (7 h.)	JUBA (7 h.)
				02 06 35		02 30 10	02 36 15	10 03 30	10 01 15	10 04 35	10 15 05	10 02 45	10 01 35	10 27 10
				05 10 10		05 01 15	05 04 25	15 05 15	15 04 25	15 02 20	15 11 20	15 04 70	15 02 120	15 30 —
				08 06 40		10 36 15	10 36 30	20 27 15	20 18 05	20 05 15	20 12 20	20 07 55	20 04 60	20 21 15
				10 06 40		15 35 10	15 36 35	40 24 10	40 18 30	20 26 20	40 13 25	30 10 35		30 03 25
				15 05 35		20 16 05					50 15 30			
				20 03 20		30 17 05								
				30 23 20		40 18 20								
				40 22 20										
				50 27 20										
				60 24 20										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 14th	Diff. from normal	Wet Bulb Temp °C on 14th	Diff. from normal
Alexandria	66	-1	13.6	-2.0
Ezbekiya	54	0	13.8	-1.7
Giza	61	+5	13.5	-1.7
Helwan	52	+11	12.6	-1.0

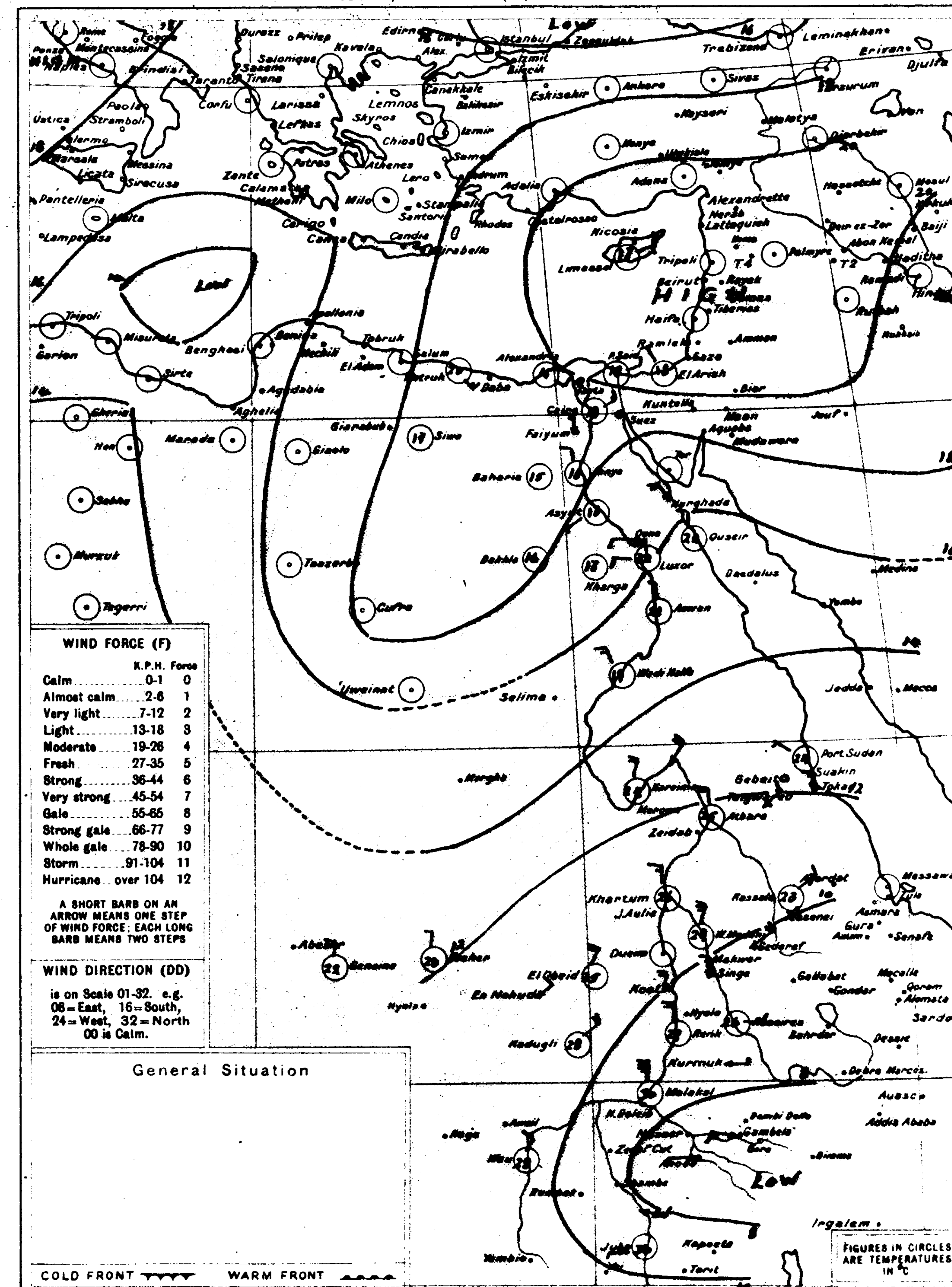
Giza Grass minimum on 15th: 8.5 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
15 - 4	810	810
14 - 4	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				12.36	-0.74
Nasser				4.92	-0.55
Malakal		9.69	-0.45	9.65	-0.43
Roseires		11.26	-0.08	11.23	-0.11
Sennar Res.				16.0	
J. Aulia U.S				372.83	
J. Aulia D.S				371.60	+0.77
Khartum				10.42	+0.06
Kh. el Girba					
'Atbara		10.37	+0.39	10.37	+0.39
Kajnarti				132.46	+0.61
Aswan Res.		119.98		119.80	
Aswan D.S.		84.97	-0.60	84.98	-0.59
Roda (Cairo)		15.66	+0.78	15.60	+0.73

١٩٤٥/٤/١٥ Isobars, Wind and Temperature at 8 h. 15. 4. 1945



WIND FORCE (F)	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)
is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000
Kms 200 100 0 200 400 600 Kms

STATION محطة	At 8 h. on 15th: Present Weather ww	V	Wind DD	F	Past Weather W	Cloud N	C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
W. Medani	00	8	00	0	0	0	—	16.3	—	17.0	28	—	12	—	52	0	16	—
Limassol	01	8	06	2	1	3	—	19.8	+7.0	17	—	—	—	—	—	0	630	436
SHIPS سفن																		

Remarks

Water Temp. R. Nile Cairo 18.4 C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 05 h 27 m
Sunset 18 22

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month April 1945 ١٩٤٥ شهر ابريل

At 14 h. on 15 th — الساعة ١٤ يوم ١٥ ; At 8 h. on Monday 16 th — الساعة ٨ يوم الاثنين ١٦

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	8h Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	8h % Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
Mediterranean	SALUM																												—	130
	MATRUH	01	9	08	2	1	4	8	17.9	24.0	39	01	9	12	3	1	4	8	17.5	+2.8	21.4	27	+5	13	0	32	0	102	157	131
	DIKHEILA																												—	150
	ALEXANDRIA	00	9	04	2	0	0	—	18.8	20.4	66	02	7	12	3	2	6	2	17.9	+3.5	16.8	23	-1	13	-2	76	0	254	182	132
	DAMIETTA	00	8	04	2	0	0	—	19.0	19.5	61	01	8	04	1	1	3	4	17.9	—	17.8	22	—	13	—	75	0	100	102	159
	PORT SAID	00	8	06	3	0	0	—	18.7	20.0	66	01	8	02	3	0	3	1	17.2	+3.8	17.4	21	-3	15	-1	77	0	83	75	134
	EL ARISH	00	9	30	3	0	0	—	18.0	19.3	57	01	8	00	0	2	5	8	17.0	+3.2	17.8	20	-4	12	-1	72	0	248	89	135
Lower Egypt	DAMANHUR	00	6	28	3	0	0	—	18.7	26.2	38	01	6	08	3	1	4	1	17.1	+2.8	15.0	27	0	10	-2	85	0	128	96	136
	MANSURA	00	8	08	2	-	0	—	18.2	25.8	30	01	7	02	1	1	3	8	17.5	—	17.8	27	0	11	-1	74	0	61	50	137
	TANTA	[illegible]							[illegible]	[illegible]	33	41	7	00	0	4	4	4	17.5	+2.9	14.8	27	-1	6	-6	94	0	58	37	138
	ZAGAZIG	00	7	04	2	0	0	—	17.1	25.2	30	00	7	04	2	0	0	—	16.8	+2.2	15.4	25	-3	7	-5	81	0	46	26	139
Middle Egypt — Cairo	ALMAZA	00	6	04	3	0	0	—	17.8	26.4	22	00	7	06	3	0	2	1	16.8	—	16.7	27	—	13	—	69	0	52	—	141
	EZBEKIYA	00	8	02	3	0	0	—	15.6	26.2	32	05	5	02	3	0	1	2	16.6	+2.1	17.0	28	-1	12	-2	76	0	48	24	—
	GIZA	00	8	02	3	0	0	—	15.6	26.5	24	09	5	30	2	0	1	2	16.6	+2.1	16.1	27	-1	9	-2	78	0	46	23	—
	HELWAN	00	8	32	5	0	0	—	15.4	27.8	18	05	6	30	2	0	1	3	15.6	+1.5	19.1	28	-1	13	-1	43	0	54	26	143
	SUEZ	00	9	02	2	0	0	—	16.2	27.3	36	00	9	30	2	0	0	—	16.3	+2.2	18.6	30	+2	13	-2	70	0	37	15	144
Upper Egypt	FAIYUM	00	8	32	2	0	0	—	15.9	27.5	23	01	8	02	2	1	3	4	16.3	+1.8	17.8	28	-1	11	-2	61	0	75	8	153
	MINYA	00	9	30	2	0	0	—	15.4	27.8	26	00	8	02	1	0	0	—	16.0	+2.1	16.2	29	-2	11	-2	65	0	1	—	154
	ASYUT	00	8	00	0	0	0	—	15.0	29.1	26	00	6	20	1	0	0	—	15.9	+2.2	17.5	31	0	12	-3	57	0	14	4	155
	QENA	00	8	16	1	1	0	—	13.9	32.8	15	05	7	26	2	0	0	—	15.6	+3.0	20.8	35	0	14	-2	31	0	20	—	156
	LUXOR	00	7	32	1	0	0	—	13.6	34.5	12	00	7	02	2	0	0	—	15.9	—	23.0	35	—	12	—	31	0	tr	—	157
	ASWAN	00	9	32	2	0	0	—	12.6	30.0	11	00	9	00	0	0	0	—	13.9	+1.6	21.4	33	-3	17	-2	18	0	dr	—	158
Western Desert	SIWA	00	8	08	2	0	0	—	18.4	27.5	54	00	7	00	0	0	0	—	17.6	+2.2	18.5	30	0	10	-2	54	0	5	18	148
	BAHARIYA	00	9	00	0	0	0	—		28.0	25	00	9	00	0	0	0	—	—	—	14.0	30	—	7	—	57	0	7	—	149
	KHARGA	00	9	32	2	0	0	—	15.1	30.0	36	00	9	08	2	0	0	—	16.4	+3.1	18.0	31	-3	10	-5	49	0	4	—	151
	DAKHLA	00	9	28	1	0	0	—	15.5	28.1	44	00	8	00	0	0	0	—	16.7	+2.9	14.9	30	-4	8	-6	50	0	tr	—	152
Red Sea	TOR																											3	13	145
	HURGHADA											00	9	30	3	0	0	—	16.3	+4.0	21.0	27	-2	13	-3	49	0	8	—	146
	QUSEIR	00	8	32	3	0	0	—	14.8	25.0	43	00	8	28	2	0	0	—	14.7	+2.5	22.0	26	-2	17	-3	56	0	20	—	147
	PORT SUDAN																										0	10	95	169
North Sudan	WADI HALFA	00	8	32	3	0	1	4	13	31	07	00	9	30	1	0	0	—	15		19					28	0	dr	—	165
	KAREIMA	01	8	04	2	1	5	4	9	34	11	00	8	06	2	0	2	4	12		27					13	0	tr	1	166
	ATBARA	02	8	32	3	1	5	4	8	34	16	01	8	06	2	1	3	4	11		22					36	0	tr	2	167
	KHARTUM																										0	tr	4	168
	KASSALA	02	8	00	0	1	6	4	8	34	36	02	8	04	2	1	5	4,5	9		28					52	1	~~24~~ 18	10	170
Central Sudan	WAD MEDANI	01	9	32	5	1	4	4	6	37	14	01	8	06	2	1	4	3	10		29					35	0	8	13	171
	DUEIM																										0	4	14	173
	RENK	02	9	04	3	1	5	9	4	38	21	01	9	08	3	1	4	7,5	9		32	—		—		36	—	—	52	182
	ROSEIRES	02	7	12	2	2	8	0		37	41	00	7	14	2	0	0	—	9		29					74	0	3	46	172
	EL OBEID	00	9	04	4	1	1	4	7	34	12	00	9	02	3	0	1	4	11		28					13	0	6	47	174
	EL FASHER	01	9	03	3	1	4	4,1	—	34	18	00	9	00	0	0	0	—	—		22					04	0	5	6	175
	GENEINA	01	8	32	2	1	4	8	—	32	05	01	8	08	2	1	4	4	—		24					17	0	—	5	179
	KADUGLI	00	8	04	3	1	3	1	5	37	11	01	8	04	3	0	4	1			31					16	0	—	96	187
S. Sudan	MALAKAL											02	8	12	5	1	5	8,4	9		32					41	0	52	108	176
	WAU	01	8	02	2	0	4	4	6	37	10	02	8	00	0	1	5	6	8		30					38	0	193	204	177
	JUBA	81	8	06	2	1	6	8,4	5	37	25	02	9	18	1	1	6	4,2	11		29						tr	~~158~~ 161	243	178

UPPER WINDS ON 16th — الرياح العليا يوم ١٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN 8 h 15 m	MINYA h m	ASYUT 7 h m	ASWAN 7 h m	WADI HALFA 7 h m	KAREIMA 7 h m	KHARTUM (Fasher) 7 h m	KASSALA h m	EL OBEID 7 h m	MALAKAL 7 h m	JUBA h m
				02 34 05		02 27 10	02 02 10	10 02 20	10 05 30	10 03 20		10 04 50	10 05 25	
				05 06 25		05 35 05	05 09 10	15 17 05	15 15 05	15 08 25		15 07 45	15 07 35	
				10 01 05		10 26 05	10 11 20	20 20 05	20 20 10	20 15 25		20 09 30	20 07 25	
				25 20 15		15 18 25	15 12 15	30 24 15	30 25 45	30 11 20		30 05 10	30 07 15	
				20 20 15		20 23 15	20 11 15	40 28 10	40 26 45	40 24 25		40 36 05	40 17 05	
				25 22 25		25 24 15		50 25 15		50 26 30				
				30 24 30		30 24 10		60 23 35						
				35 24 35				70 26						
				40 22 25										
				50 23 35										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 15th	Humidity Diff. from normal	Wet Bulb Temp °C on 15th	Wet Bulb Diff. from normal
Alexandria	64	+2	14.7	-0.9
Ezbekiya	57	+3	14.8	-0.7
Giza	57	+1	14.8	-0.5
Helwan	40	-1	13.3	-0.4

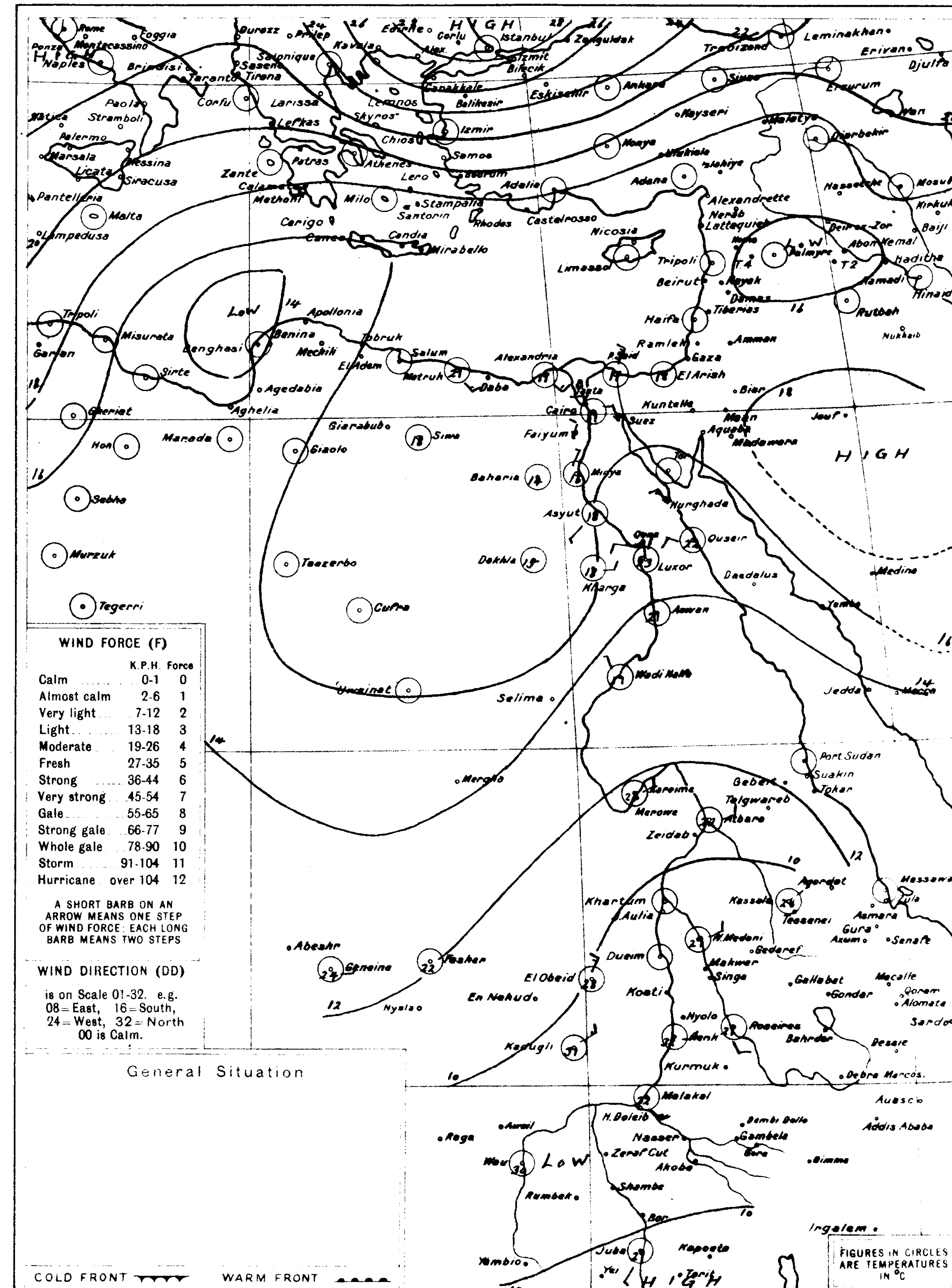
Giza Grass minimum on 16th 7.9 °C

Discharges at Aswan measured by sluices m.³ per sec.

Date	1945	1944
16 - 4	810	810
15 - 4	810	812

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba					
Nasser					
Malakal				9.64	- 0.45
Roseires	16			11.26	- 0.08
Sennar Res	15			15.99	
J. Aulia U.S	"				
J. Aulia D.S	"				
Khartum	"			10.41	+ 0.06
Kh. el Girba	15				
Atbara	"			10.37	+ 0.39
Kajnarti	16			132.39	+ 0.54
Aswan Res.	"	119.98		119.98	
Aswan D.S.		84.97	- 0.60	84.97	- 0.60
Roda (Cairo)		15.66	+ 0.15	15.66	+ 0.15

Isobars, Wind and Temperature at 8 h. ١٦/٤/١٩٤٥ 16.4.1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 16 th — الساعة ٨ يوم ١٦

Station محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
N. Hamadi	00	8	00	0	0	0	—	15.8	—	20.8	31	—	10	—	33	—	16	—
Limassol	01	7	00	0	1	4	—	16.2	+3.4	17	—	—	—	—	—	0	630	436

SHIPS سفن

Remarks

Water Temp. at Nile Cairo 19.4 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise h 05 m 20
Sunset h 18 m 25

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month April 1945 ١٩٤٥ شهر ابريل

STATION	14h on 16 ww	V	DD	F	W	N	C	PPP	TTT	UU	8h on Tuesday 17 ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb TTT	Max Yesterday MM	Diff. from norm	Min Today mm	Diff. from norm	UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	02	9	08	4	1	5	8	—	21.4	56	02	9	08	3	2	5	8	17.5	+2.8	16.8	21	-2	12	-1	76	0	102	157	131
DIKHEILA																													150
ALEXANDRIA	02	9	28	3	2	6	2	16.6	19.8	74	00	9	04	2	0	0	–	16.7	+2.3	20.0	21	-3	17	+2	71	0	254	182	132
DAMIETTA	02	8	32	2	1	5	4	16.7	19.0	73	00	8	02	1	1	1	4	17.5	—	18.5	20	—	13	—	78	0	100	102	159
PORT SAID	01	8	04	3	1	5	1	16.4	20.8	65	00	8	02	2	0	3	6	16.4	+3.1	18.1	21	-3	15	-1	74	0	83	75	134
EL ARISH											01	9	00	0	1	3	8	—	—	18.7	19	-5	11	-2	63	0	248	89	135
LOWER EGYPT																													
DAMANHUR	02	7	32	4	1	5	1	15.8	23.2	45	00	6	04	3	0	0	–	16.3	+2.1	18.6	24	-3	12	0	73	0	128	96	136
MANSURA	02	7	02	2	2	5	6	16.4	23.5	33	00	8	02	1	0	0	–	16.6	—	18.5	26	-2	12	0	73	0	61	50	137
TANTA	02	8	32	4	2	5	4	16.6	25.5	39	00	8	00	0	0	0	–	17.0	+2.4	13.0	26	-3	7	-5	97	0	58	37	138
ZAGAZIG	00	7	32	2	0	0	–	15.1	25.2	34	00	7	32	2	0	0	–	16.3	+1.8	18.1	27	-2	9	-3	75	0	46	26	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	02	3	1	4	2	15.6	26.1	25	00	8	06	4	0	2	8,1	16.8	—	16.7	28	—	12	—	75	0	52	—	141
CAIRO EZBEKIYA	01	6	02	3	0	3	2	14.4	26.0	34	05	6	02	3	0	1	6	16.2	+1.8	17.4	28	-1	11	-3	76	0	46	24	—
CAIRO GIZA	01	6	02	3	0	3	2	13.6	26.6	26	09	5	02	2	0	1	8	16.2	+1.8	16.2	27	-1	9	-2	81	0	45	23	—
HELWAN	01	8	32	5	1	3	1	13.5	28.0	18	00	7	02	3	0	0	–	15.8	+1.7	17.2	29	0	13	-1	56	0	54	26	143
SUEZ	00	9	02	2	0	0	–	14.2	28.2	36	00	9	30	2	0	0	–	15.8	+1.7	19.6	30	+2	14	-1	56	0	37	15	144
UPPER EGYPT																													
FAIYUM	01	8	32	2	1	4	4	13.6	28.2	24	00	8	32	3	0	0	–	15.2	+0.8	18.0	29	0	11	-2	63	0	75	8	153
MINYA	00	9	30	2	0	0	–	13.4	30.3	18	00	9	28	2	0	0	–	15.1	+1.3	17.0	31	0	12	-2	59	0	1	—	154
ASYUT	00	8	30	1	0	0	–	13.8	29.1	19	00	6	22	1	0	0	–	14.8	+1.2	18.1	31	0	12	-3	53	0	14	4	155
QENA	00	8	22	2	0	0	–	12.0	34.6	15	05	7	28	1	0	0	–	13.9	+1.4	19.6	36	0	13	-3	41	0	20	—	156
LUXOR	00	7	14	2	0	0	–	13.1	35.0	11	00	7	06	2	0	0	–	14.4	—	24.9	37	—	13	—	22	0	tr	—	157
ASWAN	00	9	24	1	0	0	–	11.0	34.0	12	00	9	32	2	0	0	–	12.3	0.0	23.4	36	0	19	0	15	0	dr	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	–	16.0	30.5	55	00	8	08	3	0	0	–	15.9	+0.5	19.0	33	+3	14	+2	59	0	5	8	148
BAHARIYA	00	9	00	0	0	0	–	14.3	31.0	36	00	9	00	0	0	0	–	17.2	+2.3	16.0	33	—	9	—	59	0	7	—	149
KHARGA	00	9	00	0	0	0	–	13.4	33.1	35	00	9	02	2	0	0	–	13.6	+0.4	22.6	34	0	11	-5	44	0	4	—	151
DAKHLA	00	8	28	1	0	0	–	14.2	30.0	41	00	8	00	0	0	0	–	14.7	+1.0	17.0	32	-2	11	-4	46	0	tr	—	152
RED SEA																													
TOR																											3	13	145
HURGHADA	00	9	20	1	0	0	–	14.6	25.5	40	00	9	30	4	0	0	–	14.7	+2.4	21.0	27	-2	14	-2	31	0	8	—	146
QUSEIR	00	8	02	2	0	0	–	13.9	23.6	64	00	8	32	2	0	0	–	12.2	+0.1	22.5	25	-3	18	-2	50	0	20	—	147
PORT SUDAN																											90	95	169
NORTH SUDAN																													
WADI HALFA											01	9	00	0	0	3	1	13		22					19		dr	—	165
KAREIMA											00	8	04	3	1	2	4,1	10		28					06		tr	1	166
ATBARA											00	8	02	2	0	0	–	9		29					20		tr	3	167
KHARTUM																											tr	4	168
KASSALA											00	8	00	0	0	0	–	6		31					43		24,18	10	170
CENTRAL SUDAN																													
WAD MEDANI	01	6	32	2	1	4	6	3	40	17	00	9	02	6	1	1	1	7		33					19		8	13	171
DUEIM																											4	14	173
RENK											00	9	28	3	0	0	–	7		34		—		—	29	–	–	53	182
ROSEIRES	00	7	10	2	0	0	–	5	39	20	00	7	12	2	0	0	–	7		33							3	46	172
EL OBEID											01	9	02	4	1	4	4	7		31					11		6	17	174
EL FASHER											02	9	30	2	1	5	4,5	–		26					16		5	6	175
GENEINA	01	8	20	1	1	4	4	—			01	8	02	3	1	5	8	–		26					11		—	6	179
KADUGLI											01	8	04	3	1	4	1	7		34					13		—	97	187
S. SUDAN																													
MALAKAL	10	8	00	0	2	5	9	4	38	18	02	8	08	1	1	5	8	7		30					38		52	109	176
WAU	02	8	08	2	1	7	8	3	40	17	02	8	18	2	1	5	4,1	8		32					46		193	206	177
JUBA	02	8	10	2	1	6	8	5	39	16	01	8	12	1	0	4	1	8		29					49		~~158~~ 161	247	178

السـاعة ١٤ يوم ١٦ — الساعة ٨ يوم الثلاثاء ١٧

UPPER WINDS ON 17 — الرياح العليا يوم ١٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres.
DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	CAIRO (~~PORT SAID~~) 8 h. 10 m.	HELWAN 8 h. 30 m.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 7 h.	KHARTUM 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA 7 h.
			02 35 25	02 05 20		02 30 10	02 04 25	10 03 35	10 04 35	10 02 05	10 27 20	10 05 65	15 12 10	10 16 20
			05 05 45	05 05 20		05 03 20	05 36 15	15 25 15	15 33 10	15 08 30	15 27 25	15 06 50	20 06 15	15 15 20
			10 05 35	10 05 60		10 35 15	10 07 20	20 23 25	20 28 25	20 11 10	20 09 15	20 08 35	40 11 25	20 11 20
			15 05 30	15 06 40		15 34 20	15 04 02	30 20 30	30 25 35	40 17 25		40 15 20	50 13 40	40 11 25
			19 06 20	20 06 20		20 31 20	20 02 10		40 21 40			50 17 50		
				25 30 20		25 28 20	25 23 20		50 23 35					
				30 27 30		30 25 30								
				40 28 40		40 27 35								
				50 25 45										
				60 25 70										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 16	Diff. from normal	Wet bulb temp °C on 16	Diff. from normal
Alexandria	76	+9	15.5	-0.2
Ezbekiya	58	+7	14.9	-0.7
Giza	64	+8	14.3	-1.1
Helwan	34	-7	13.4	-0.4

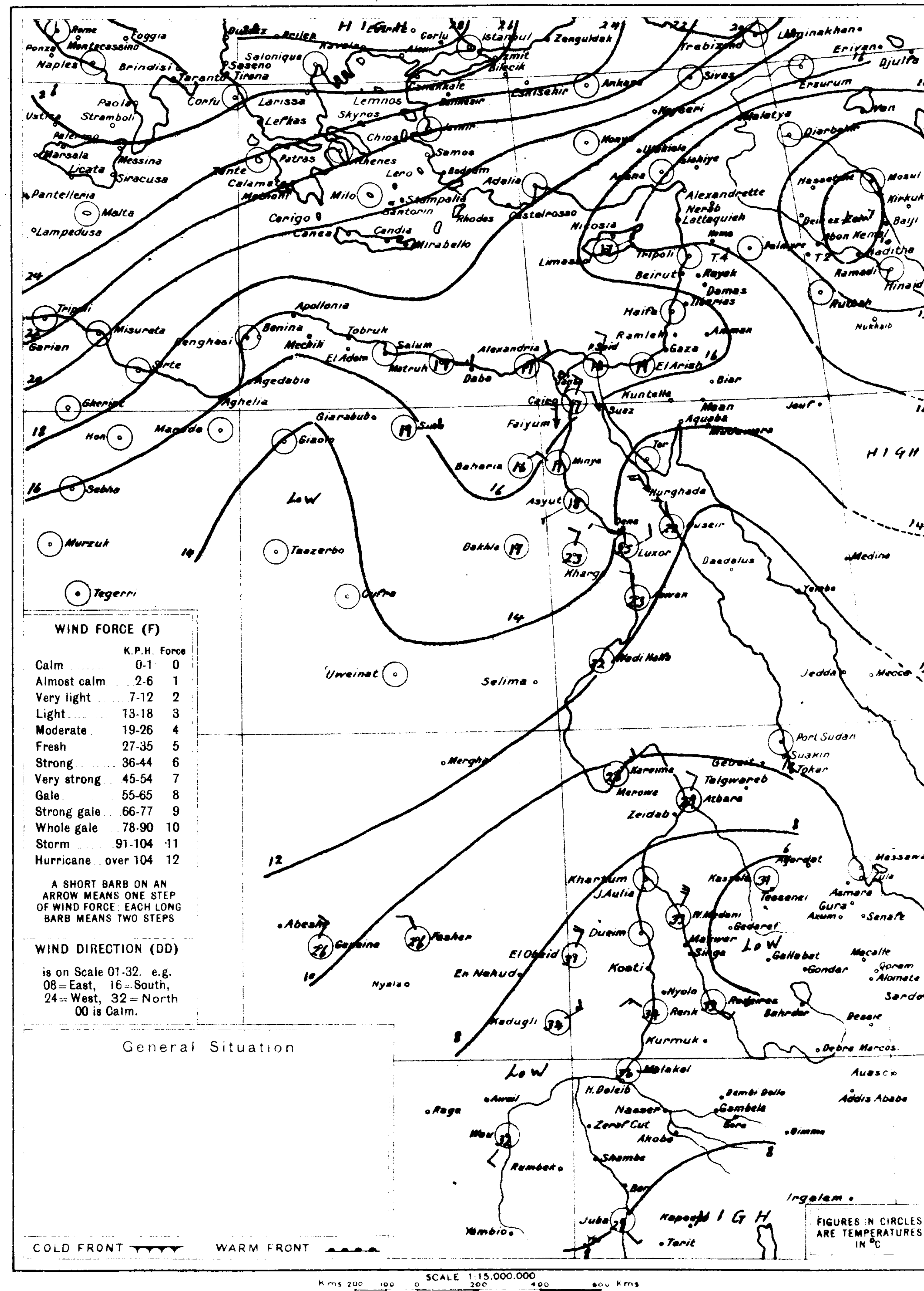
Giza Grass minimum on 17: 7.3 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1945	1944
17-4	810	810
16-4	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.36	-0.96
Nâsser				4.92	-0.56
Malakâl		9.61	-0.49	9.63	-0.47
Roseires				11.23	-0.11
Sennar Res				15.92	
J. Aulia U.S					
J. Aulia D.S					
Khartum				10.42	+0.09
Kh. el Girba					
Atbara				10.36	+0.38
Kajnarti				132.34	+0.49
Aswân Res.		119.96		119.98	
Aswân D.S.		84.96	-0.62	84.97	-0.60
Roda (Cairo)		15.68	+0.18	15.66	+0.15

١٩٤٥/٤/١٧ Isobars, Wind and Temperature at 8 h. 17.4.1945



PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

At 8 h. on 17 — الساعة ٨ يوم ١٧

STATION محطة	ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb TTT	Max Yesterday MM	Diff. from norm	Min Today mm	Diff. from norm	UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	00	0	0	0	–	14.2	—	21.3	31	—	10	–	35	0	16	—
Limassol	01	8	06	2	1	4	–	14.0	+1.2	17	–	–	–	–	–	0	630	437

SHIPS سفن

Remarks

Water Temp
R. Nile Cairo
19.8 °C

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO

Time of Sunrise h m 05 25

Sunset 18 24

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month April 1945 ١٩٤٥ شهر ابريل

At 14 h. on 17 ١٧ الساعة ١٤ يوم

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
MEDITERRANEAN: SALUM										
MATRUH	01	9	04	3	1	4	8	17.8	19.0	66
DIKHEILA										
ALEXANDRIA	00	9	30	2	0	0	—	16.4	20.8	72
DAMIETTA	00	8	30	2	1	2	4	15.9	19.8	72
PORT SAID										
EL 'ARISH	01	9	30	1	1	3	8		19.4	60
LOWER EGYPT: DAMANHUR	00	7	04	3	0	0	—	15.5	23.7	28
MANSURA	01	8	02	2	1	3	8	15.5	25.5	39
TANTA	00	8	04	1	0	0	—	14.6	26.7	39
ZAGAZIG	00	7	04	2	0	0	—	14.8	26.2	42
MIDDLE EGYPT: CAIRO ALMAZA	00	8	04	4	0	0	—	15.1	27.0	27
CAIRO EZBEKIYA	00	8	02	3	0	0	—	14.0	27.7	35
CAIRO GIZA	00	8	02	3	0	0	—	13.4	27.2	23
HELWAN	00	8	32	5	0	0	—	13.0	28.0	21
SUEZ	00	9	02	2	0	0	—	14.0	28.3	30
UPPER EGYPT: FAIYUM	00	8	30	3	0	0	—	12.8	28.8	22
MINYA	00	9	02	2	0	0	—	12.4	29.2	25
ASYUT	00	8	26	1	0	0	—	12.2	30.5	19
QENA	01	8	22	2	0	3	1	10.3	34.6	12
LUXOR	00	7	32	1	0	0	—	11.5	35.0	
ASWAN	02	9	00	0	1	5	4	9.2	35.4	12
WESTERN DESERT: SIWA	33	8	04	2	2	8	5	14.4	30.8	36
BAHARIYA	00	9	00	0	0	0	—	16.2	30.5	39
KHARGA	00	9	04	2	0	0	—	11.9	31.9	38
DAKHLA	00	9	28	4	0	0	—	12.4	32.5	38
RED SEA: TOR										
HURGHADA	00	9	02	1	0	0	—	12.8	25.5	40
QUSEIR	00	8	32	3	0	0	—	12.0	24.2	54
PORT SUDAN										
NORTH SUDAN: WADI HALFA	00	9				3	1			
KAREIMA	00	8	30	2	0	3	4,1	6	38	06
ATBARA	01	8		3	0	4	4	3	41	14
KHARTUM										
KASSALA	01	8	04	2	0	4	8	0	41	18
CENTRAL SUDAN: WAD MEDANI	01	8	28	2	0	4	8	1	41	15
DUEIM										
RENK										
ROSEIRES	02	7	14	2	1	7	1	3	41	15
EL OBEID	01	9	08	3	1	3	8	2	39	16
EL FASHER	02	7	08	3	1	5	—	—	37	
GENEINA	01	8	00	0	1	4	8	—		
KADUGLI										
S. SUDAN: MALAKAL	01	8	20	2	1	5	8,4	2	40	20
WAU	22		18	3	6		4		32	29
JUBA	01	8	06	5	1	4	8,1	3	34	

At 8 h. on 18 الساعة ٨ يوم ١٨

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALUM																			130
MATRUH	21	9	02	2	5	5	9	18.3	+3.6	16.3	20	-3	14	+1	74	1	103	157	131
DIKHEILA												—		—				—	150
ALEXANDRIA	03	8	04	3	2	8	5	17.0	+2.6	18.0	22	-2	16	+1	74	0	254	182	132
DAMIETTA	02	8	04	2	1	5	4	16.4	—	19.5	22	—	16	—	75	0	100	102	159
PORT SAID	01	8	04	2	1	4	6	15.5	+2.2	18.8	23	-1	17	+1	74	0	83	75	134
EL 'ARISH	01	8	00	0	1	4	8	15.5	+1.7	18.1	20	-4	13	0	67	0	248	89	135
DAMANHUR	02	6	04	3	2	5	3	16.2	+2.0	18.4	26	-1	13	+1	67	0	128	96	136
MANSURA	01	7	02	2	1	4	9	15.5	—	19.0	26	-2	15	+2	76	0	61	50	137
TANTA	03	7	00	0	2	8	7	16.0	+1.4	18.3	27	-2	13	+1	80	0	58	38	138
ZAGAZIG	00	7	04	2	0	0	—	14.8	+0.3	18.9	27	-2	14	+2	71	0	46	26	139
ALMAZA	02	7	08	5	1	5	4,5	14.8	—	21.3	28	—	15	—	37	0	52	—	141
EZBEKIYA	05	7	02	2	1	5	4	13.9	-0.5	20.8	28	-1	15	+1	47	0	46	24	—
GIZA	05	5	02	1	1	5	4	14.0	-0.4	20.0	28	-1	14	+3	54	0	46	23	—
HELWAN	01	8	06	7	1	5	4	12.8	-1.2	22.1	28	-1	15	+1	29	0	54	26	143
SUEZ	00	9	00	0	0	3	5	15.2	+1.2	19.4	30	+2	15	0	66	0	37	15	144
FAIYUM	01	8	02	2	1	4	4	13.4	-0.9	21.2	29	0	14	+1	47	0	75	8	153
MINYA	01	8	02	2	1	3	4	12.3	-1.3	22.3	31	0	15	+1	33	0	1	—	154
ASYUT	00	7	20	1	0	0	—	12.2	-1.3	19.8	31	-1	13	-2	47	0	14	4	155
QENA	05	7	12	1	0	0	—	11.2	-1.2	22.0	36	0	14	-2	29	0	20	—	156
LUXOR	00	7	26	2	0	0	—	11.9	—	26.0	37	—	13	—	27	0	tr	—	157
ASWAN	00	9	00	0	0	0	—	11.1	-1.1	22.6	36	0	19	-1	17	0	dr	—	158
SIWA	03	7	04	5	2	8	5	16.0	+0.7	18.0	32	+2	15	+3	53	0	5	8	148
BAHARIYA	01	9	00	0	1	4	—			15.5		—		—	59	0	7	—	149
KHARGA	00	9	08	2	0	0	—	11.6	-1.5	22.6	33	-1	15	-1	41	0	4	—	151
DAKHLA	00	7	04	5	0	0	—	11.2	-2.5	18.0	34	0	13	-2	44	0	tr	—	152
TOR																	3	13	145
HURGHADA	00	9	30	3	0	0	—	12.3	+0.1	22.2	29	0	14	-2	36	0	8	—	146
QUSEIR	00	8	32	2	0	0	—	11.1	-1.0	22.4	25	-3	19	-1	52	0	20	—	147
PORT SUDAN																0	90	96	169
WADI HALFA	01	9	00	0	0	4	4	11		23					27	0	dr	—	165
KAREIMA	01	8	06	1	1	3	4	9		28					08	0	tr	1	166
ATBARA	01	8	28	3	1	3	4	6		30					13	0	tr	3	167
KHARTUM																0	tr	4	168
KASSALA	01	8	04	2	1	4	4	7		33					41	0	24 18	10	170
WAD MEDANI	02	8	02	4	1	5	4	7		31					11	0	8	13	171
DUEIM																0	4	14	173
RENK	00	9	32	3	1	0	—	5	—	32		—		—	31	—	—	53	182
ROSEIRES	01	7	18	2	1	5	4	7		32						0	3	47	172
EL OBEID	01	9	02	3	1	4	4	7		30					18	0	6	18	174
EL FASHER	01	9	30	2	1	5	4,5			29					17	0	5	6	175
GENEINA	01	8	02	3	0	3	4	—		28						—	—	6	179
KADUGLI	00	8	32	3	0	3	1	6		33					38	—	—	97	187
MALAKAL	02	9	08	5	8	5	6,4,5	8		30					43	tr	52	110	176
WAU	01	8	00	0	1	5	8,4,1	8		27					70	tr	193	208	177
JUBA	93	8	14	2	6	7	9	11		28					62	tr	158 164	251	178

UPPER WINDS ON 18 الرياح العليا يوم ١٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM (Fasher)	KASSALA (Geneina)	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	8 h. 30 m.	h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.	6 h. m.	7 h. m.	h. m.	h. m.	7 h. m.
				02 08 55		02 04 10		10 03 30	10 04 30	15 06 35	10 03 30			10 28 10
				05 07 40		05 07 25		15 01 20	15 30 05	20 15 10	15 18 15			15 33 10
				08 06 25		10 03 10		20 03 15	20 30 30		20 17 20			20 33 10
				10 32 10		15 10 05		30 29 30	30 29 40		30 15 10			30 11 15
				15 35 20		20 24 15			40 28 40		40 22 15			40 25 10
						30 26 30			50 27 35					
						40 26 45								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 17	Diff. from normal	Wet Bulb Temp °C on 17	Diff. from normal
Alexandria	72	+5	16.0	+0.3
Ezbekiya	60	+6	16.1	+0.4
Giza	60	+4	15.0	-0.5
Helwan	43	+2	14.2	+0.4

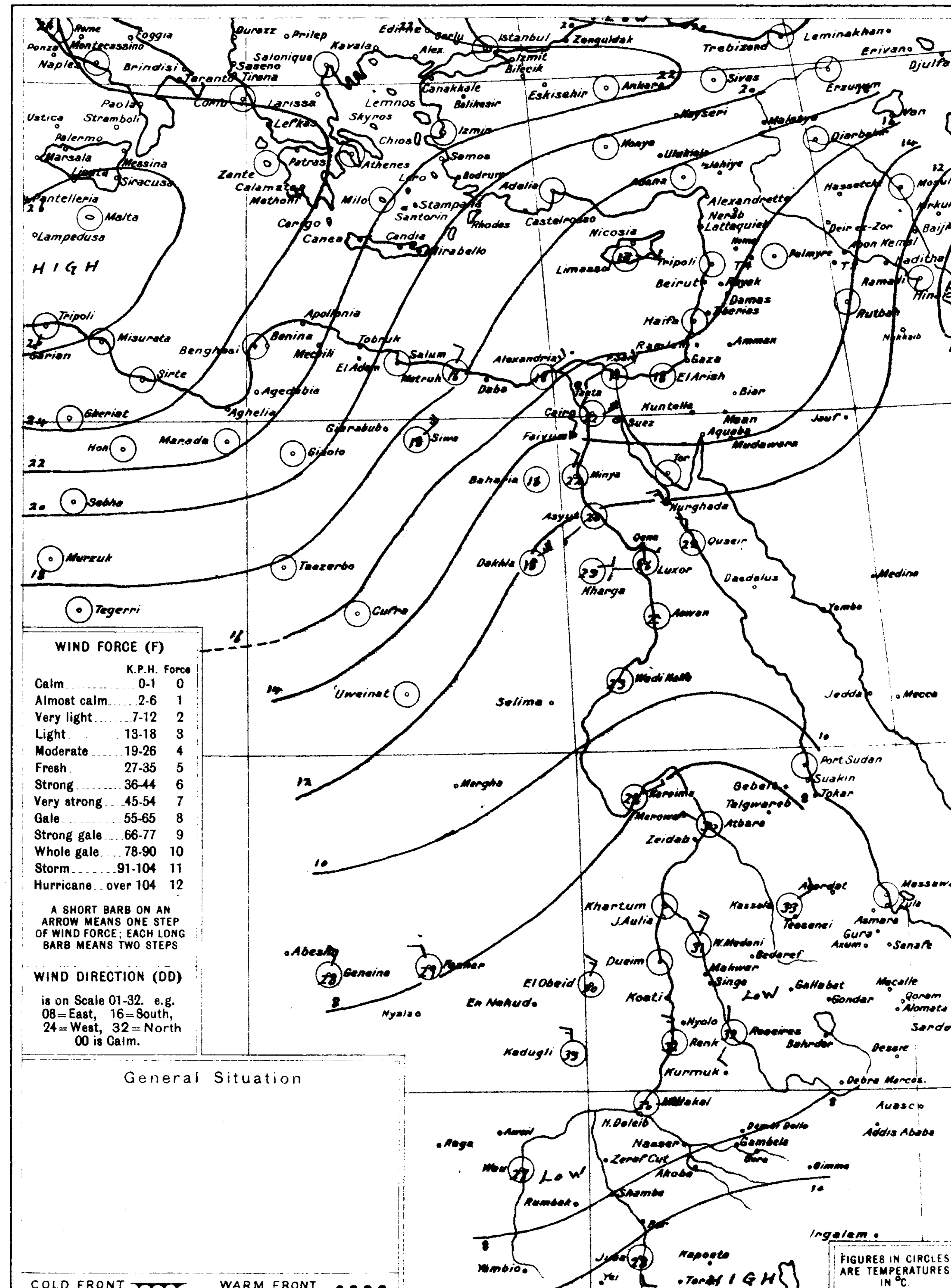
Giza Grass minimum on 17: 13.0 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
18-4	810	868
17-4	810	810

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba					
Nasser				4.92	-0.55
Malakal		9.60	-0.50	9.61	-0.49
Roseires				11.20	-0.14
Sennar Res.				15.87	
J. Aulia U.S				372.42	
J. Aulia D.S				371.56	+0.70
Khartum				10.38	+0.04
Kh. el Girba					
'Atbara				10.35	+0.37
Kajnarti				132.30	+0.44
Aswan Res.		119.95		119.96	
Aswan D.S.		84.96	-0.62	84.96	-0.62
Roda (Cairo)				15.68	+0.18

١٩٤٥/٤/١٨ Isobars, Wind and Temperature at 8 h. 18.4.1945



SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 18 الساعة ٨ يوم ١٨

STATION محطات	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
N. Hamudi	00	8	00	0	0	0	—	11.1	—	23.6	33	—	12	—	33	0	16	—
Limassol	00	9	10	3	0	1	—	15.9	+3.1	17	—	—	—	—	—	0	630	438
SHIPS سفن																		

Remarks

Water Temp. R. Nile Cairo 20.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise 5 h 24 m
Sunset 18 h 24 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month April 1945 ١٩٤٥ شهر ابريل

At 14 h. on 18 — الساعة ١٤ يوم ١٨ | At 8 h. on Thursday 19 — الساعة ٨ يوم الخميس ١٩

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																												—	130
MATRUH	01	9	02	3	1	4	8	17.5	18.6	64	00	9	32	2	1	3	8	17.1	+2.5	16.5	20	-3	15	+1	68	0	103	157	131
DIKHEILA																												—	150
ALEXANDRIA	02	8	04	2	2	5	5	16.4	18.0	68	01	9	04	2	2	4	8	16.6	+2.2	18.0	20	-4	15	0	64	tr	254	182	132
DAMIETTA	02	8	32	3	1	5	4	15.6	19.2	74	01	8	02	2	1	4	8	15.0	—	18.5	21	—	14	—	67	0	100	102	159
PORT SAID	14	8	30	5	2	4	6	15.1	20.0	71	01	8	02	2	1	4	8	15.2	+1.9	18.2	22	-2	16	0	63	0	83	75	134
EL ARISH	01	9	30	1	1	3	8	—	20.7	58	00	9	00	0	0	0	—	14.2	+0.4	18.5	23	-1	11	-2	62	0	248	89	135
LOWER EGYPT																													
DAMANHUR	03	6	04	3	2	8	8	16.4	21.3	65	01	6	32	3	1	3	8	15.8	+1.7	17.6	22	-6	10	-2	63	0	128	97	136
MANSURA	01	7	02	2	1	4	9	15.9	23.2	43	01	7	02	1	1	3	8	15.5	—	18.0	24	-4	12	-1	66	0	61	50	137
TANTA	02	7	32	4	2	5	9	15.5	23.8	47	00	8	00	0	0	0	—	15.9	+1.4	16.6	24	-5	8	-4	73	0	58	38	138
ZAGAZIG	01	7	28	5	1	5	8	15.2	24.2	50	00	7	32	2	0	2	8	15.2	+0.7	18.1	24	-5	10	-2	66	0	46	26	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	8	02	4	1	4	4,5,1	15.2	23.6	44	01	7	02	2	1	3	6	16.3	—	16.7	25	—	13	—	71	0	52	—	141
CAIRO EZBEKIYA	02	7	02	5	1	5	6	14.2	24.3	56	05	6	02	3	0	3	8	15.4	+1.1	17.3	25	-4	12	-2	68	0	46	24	—
CAIRO GIZA	02	8	02	4	1	5	6	14.0	24.1	48	05	6	02	3	0	3	8	15.6	+1.3	16.2	25	-4	11	0	71	0	46	23	—
HELWAN	01	7	32	6	1	5	4	13.1	24.4	37	01	7	32	5	1	4	0	15.0	+1.0	16.0	27	-2	13	-2	70	0	54	26	143
SUEZ	00	9	02	1	0	0	—	13.1	26.6	35	00	9	30	2	0	0	—	15.5	+1.5	18.3	30	+2	14	-2	78	0	37	15	144
UPPER EGYPT																													
FAIYUM	05	5	32	5	1	3	4	12.7	26.2	32	01	8	02	4	1	3	8	15.2	+1.0	17.3	27	-3	12	-1	65	0	75	8	153
MINYA	01	8	32	4	1	3	2	9.6	31.9	21	00	9	32	3	1	0	—	14.4	+0.9	16.6	32	+1	14	0	71	0	1	—	154
ASYUT	01	8	30	1	1	3	5	9.5	32.0	14	00	7	20	1	0	0	—	13.5	0.0	18.5	34	+2	13	-2	56	0	14	4	155
QENA	01	8	24	1	0	3	1	7.4	36.6	13	05	7	26	2	1	0	—	10.2	-2.1	21.6	38	+2	15	-2	45	0	20	—	156
LUXOR	00	7	32	1	0	0	—	9.0	36.4	12	00	7	32	1	0	0	—	10.7	—	25.4	39	—	16	—	29	0	tr	—	157
ASWAN	00	9	00	0	0	0	—	7.2	36.0	11	00	9	00	0	0	0	—	9.2	-2.9	27.2	39	+3	20	0	20	0	dr	—	158
WESTERN DESERT																													
SIWA	00	8	04	3	0	0	—	15.8	27.8	52	00	7	32	2	0	0	—			13.5	29	-1	9	-3	61	0	5	8	148
BAHARIYA	01	9	32	1	1	4	—	13.1	27.0	37	00	9	00	0	0	0	—			19.0	29	—	10	—	64	0	7	—	149
KHARGA	00	9	00	0	0	2	1	9.4	34.9	42	00	8	32	3	0	0	—	12.2	-0.8	22.8	37	+3	19	+3	33	0	4	—	151
DAKHLA	00	8	20	4	0	0	—	8.4	34.0	27	00	7	28	5	0	0	—	14.6	+1.0	18.8	35	0	18	+3	47	0	tr	—	152
RED SEA																													
TOR																											3	13	145
HURGHADA	00	9	02	2	0	0	—	12.3	25.5	40	00	9	30	5	0	0	—	11.9	-0.3	22.2	28	-1	15	-1	35	0	8	—	146
QUSEIR	00	8	32	3	0	0	—	10.8	25.0	54	00	8	32	2	0	0	—	9.4	-2.6	21.4	26	-2	17	-1	56	0	20	—	147
PORT SUDAN																										0	90	96	169
NORTH SUDAN																													
WADI HALFA	00	9	30	3	1	2	4		37	04	00	8	00	0	0	1	4	11		23					20	0	dr	—	165
KAREIMA	01	8	30	2	1	4	4	5	38	04	01	8	04	3	1	4	4	8		30					05	0	tr	1	166
ATBARA	02	8	28	3	1	7	8,4	2	40	08	01	8	02	3	1	4	4	6		32					31	0	tr	3	167
KHARTUM																										0	tr	4	168
KASSALA	01	8	32	3	1	4	8,4	0	42	17	02	8	00	0	1	6	4,5	5		32					36	0	~~21~~ 18	10	170
CENTRAL SUDAN																													
WAD MEDANI	01	8	02	5	1	5	8	2	42	06	02	8	32	3	1	6	6	5		33					06	0	8	13	171
DUEIM																										0	4	14	173
RENK	01	9	24	3	1	3	8	3	40	19	00	9	20	3	0	0	—	6	—	31	—		—		31	0	—	53	182
ROSEIRES	01	7	10	2	1	4	1	3	41	19	00	7	14	2	0	0	—	5		33					38	0	3	47	172
EL OBEID	02	9	06	3	1	7	4,5	2	38	17	01	9	04	3	1	5	4,1	5		31					12	0	6	18	174
EL FASHER	01	9	12	2	1	5	4,1	5	38	13	02	9	00	0	2	6	4,5,1	—		27					04	0	5	6	175
GENEINA											02	9	02	3	6	5	6	—		28					29	Rain	—	6	179
KADUGLI	02	8	04	3	1	5	4	—	38	13	02	8	24	3	1	6	4	7?		30					33	—	—	98	187
S. SUDAN																													
MALAKAL	02	8	12	2	1	5	8	3	38	22	02	8	18	1	1	5	6,4,5	7		—					—	0	52	111	176
WAU	02	8	06	2	1	5	6,4	6	35	35	22	8	16	1	6	8	6	8		28					66	tr	193	210	177
JUBA	02	8	06	1	1	6	4,2	7	36	29	02	8	20	2	1	6	8,4,5	9		30					55	0	~~158~~ 161	255	178

UPPER WINDS ON 19 — الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h.	MINYA h. m.	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 7 h.	KHARTUM h. m.	KASSALA 7 h.	EL OBEID h. m.	MALAKAL 7 h.	JUBA 7 h.
				02 36 30		02 34 25	05 31 15	10 34 40	10 04 45		10 26 05		10 27 20	10 21 15
				05 01 30		05 01 40	10 26 05	15 28 15	15 06 30		15 36 05		15 23 10	15 15 05
				10 02 30		10 35 50	15 25 15	20 23 20	20 09 10		20 02 05		20 02 20	20 08 25
				15 03 30		15 36 25			30 28 20		40 04 20		40 08 30	40 08 40
				20 31 20		20 33 10			40 27 45					
				25 27 20		25 23 20								
				30 32 15		30 20 20								
				40 30 30		40 24 35								
				45 29 40										
				48 28 35										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 18	Diff. from normal	Wet Bulb Temp °C on 18	Diff. from normal
Alexandria	71	+4	14.3	-1.5
Ezbekiya	53	0	14.0	+0.2
Giza	55	0	15.6	0.0
Helwan	36	-4	14.3	+0.4

Giza Grass minimum on 19 — 9.4 °C

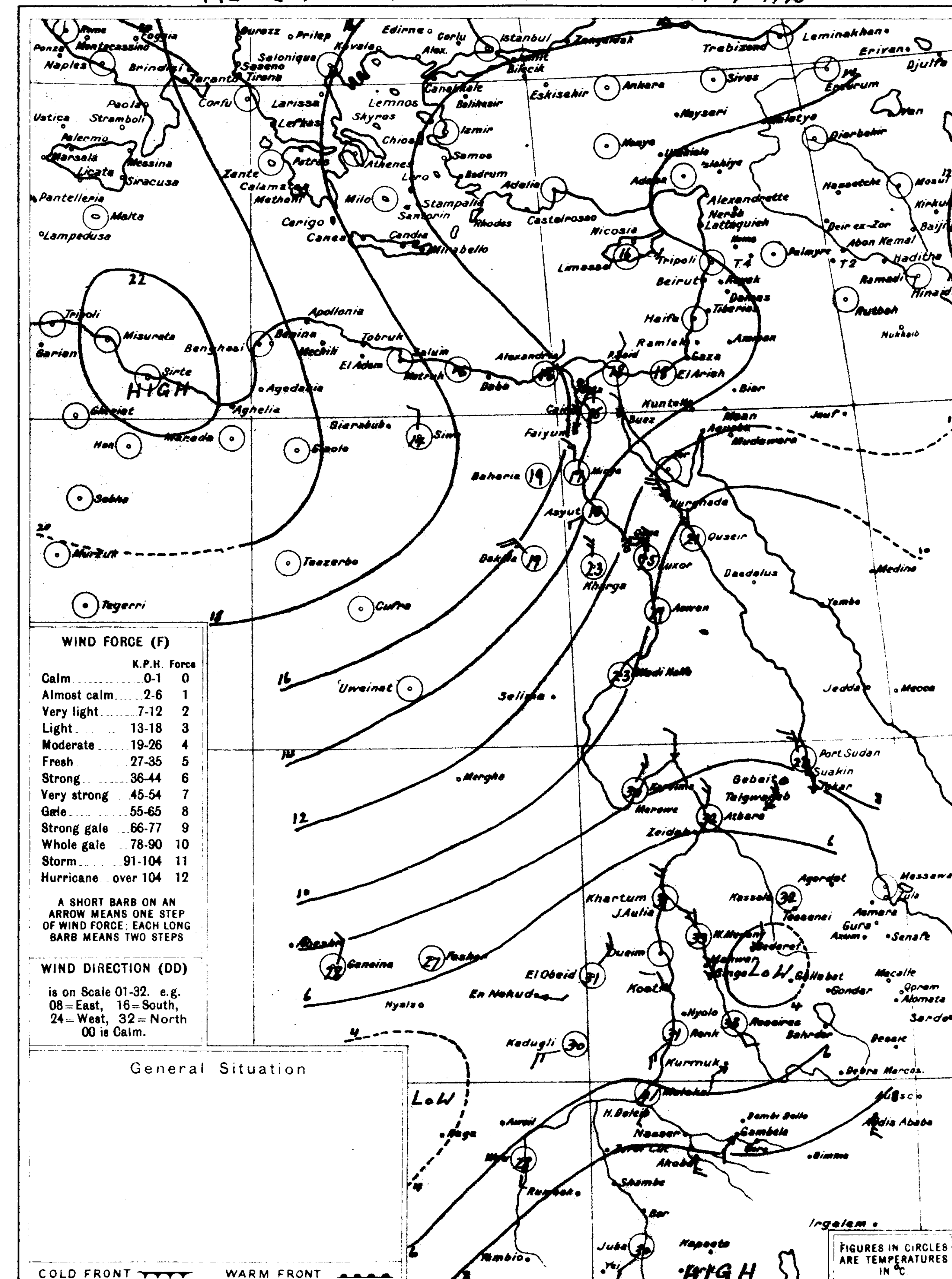
Discharges at Aswan measured by sluices m^3 per sec.

DATE	1945	1944
19-4	926	926
18-4	810	868

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				12.30	-1.04
Nasser				4.92	-0.54
Malakal		9.58	-0.52	9.60	-0.50
Roseires		11.18	-0.14	11.18	-0.15
Sennar Res.				16.83	—
J. Aulia U.S	[illegible]			372.16	—
J. Aulia D.S	[illegible]			371.53	+0.67
Khartum	[illegible]			10.32	+0.08
Kh. el Girba					
Atbara				10.35	+0.37
Kajnarti				132.28	+0.42
Aswan Res.		119.96	—	119.95	—
Aswan D.S.		85.15	-0.43	84.96	-0.62
Roda (Cairo)		15.75	+0.25	15.73	+0.23

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٤-١٩ Isobars, Wind and Temperature at 8 h. 19-4-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 19 — الساعة ٨ يوم ١٩

STATION سرمصد	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	0	—	10.8	—	24.7	34	—	15	—	29	0	16	—
Limassol	00	9	10	3	0	0	—	14.4	+1.6	16	—	—	—	—	—	0	630	438
SHIPS سفن																		

Remarks

Water Temp. R. Nile Cairo 20.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO

Time of Sunrise 05 h 23 m
Sunset 18 h 25 m

MINISTRY OF PUBLIC WORKS   PHYSICAL DEPARTMENT   1417 F.C.

DAILY WEATHER REPORT

Month APRIL 1945 ١٩٤٥ شهر ابريل

At 14 h. on 19th ١٩ الساعة ١٤ يوم

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU
MEDITERRANEAN										
SALUM										
MATRUH	60	9	32	3	1	0	—	17.2	16.3	77
DIKHEILA										
ALEXANDRIA	00	9	04	3	0	0	—	16.4	20.4	54
DAMIETTA	01	8	32	2	1	4	8	15.1	19.0	64
PORT SAID	00	8	02	3	1	3	8	15.0	21.3	54
EL ARISH	00	9	30	1	0	0	—	—	21.2	59
LOWER EGYPT										
DAMANHUR	01	7	28	4	1	3	8	15.5	24.6	45
MANSURA	01	8	04	1	1	4	8	14.8	24.0	39
TANTA	01	8	00	0	1	4	4	14.7	24.0	46
ZAGAZIG	00	7	32	2	0	3	8	14.8	23.6	42
MIDDLE EGYPT										
CAIRO ALMAZA	00	8	30	2	0	1	8	15.0	24.6	36
CAIRO EZBEKIYA	00	8	02	3	0	0	—	13.5	24.1	40
CAIRO GIZA	00	8	02	3	0	0	—	13.9	24.3	31
HELWAN	00	8	30	4	0	0	—	13.2	23.8	22
SUEZ	00	9	02	3	0	0	—	13.4	24.0	—
UPPER EGYPT										
FAIYUM	00	8	32	4	0	0	—	13.5	24.3	26
MINYA	00	9	28	4	0	0	—	12.7	25.3	28
ASYUT	00	8	30	2	0	0	—	12.2	27.1	32
QENA	00	8	22	2	0	0	—	7.8	35.0	19
LUXOR	00	7	28	3	3	0	—	9.1	34.7	16
ASWAN	00	9	20	1	0	0	—	5.8	37.0	08
WESTERN DESERT										
SIWA	00	8	28	2	0	0	—	18.6	22.5	48
BAHARIYA	00	9	32	1	0	0	—	—	22.0	29
KHARGA	00	8	32	4	0	0	—	12.0	29.0	19
DAKHLA	00	9	32	2	0	0	—	13.2	26.5	42
RED SEA										
TOR										
HURGHADA	00	9	02	5	0	0	—	11.4	25.5	40
QUSEIR	00	8	32	2	0	0	—	9.8	24.3	52
PORT SUDAN										
NORTH SUDAN										
WADI HALFA	00	8	24	3	0	0	—	7	36	10
KAREIMA	02	8	04	3	1	5	4	4	40	07
ATBARA	02	8	04	2	1	7	8,4	3	41	07
KHARTUM										
KASSALA	01	8	02	1	1	5	4	0	41	13
CENTRAL SUDAN										
WAD MEDANI	01	8	06	4	1	4	8	0	42	12
DUEIM										
RENK										
ROSEIRES										
EL OBEID	01	9	08	3	1	5	8,4	1	39	10
EL FASHER	01	9	28	1	1	4	4,5	—	36	12
GENEINA										
KADUGLI										
S. SUDAN										
MALAKAL										
WAU										
JUBA										

At 8 h. on Friday 20th الساعة ٨ الجمعة ٢٠

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM																			130
MATRUH	01	9	28	1	1	4	8	16.3	+1.7	17.0	18	-5	12	-2	64	0	103	137	131
DIKHEILA																			150
ALEXANDRIA	01	9	26	2	2	4	8	16.6	+2.3	17.0	21	-3	14	-1	63	0	254	182	132
DAMIETTA	01	8	20	1	1	5	8	16.0	—	17.0	20		11		70	0	100	102	159
PORT SAID	01	8	02	2	1	5	8	16.0	+2.8	18.0	22	-2	14	-2	55	0	83	75	134
EL ARISH	01	9	00	0	1	4	8	14.8	+1.0	18.2	21	-3	10	-3	41	0	248	90	135
DAMANHUR	00	6	28	3	0	0	—	16.8	+2.7	17.4	25	-3	11	-1	75	0	128	97	136
MANSURA	00	8	32	1	0	0	—	16.0	—	17.0	25	-3	10	-3	63	0	61	50	137
TANTA	00	8	00	0	0	0	—	16.6	+2.1	16.0	25	-4	7	-5	77	0	58	38	138
ZAGAZIG	00	7	30	2	0	0	—	16.0	+1.5	17.8	25	-4	9	-3	61	0	46	26	139
CAIRO ALMAZA	00	7	04	1	0	0	—	16.7	—	15.8	25		11		61	0	52	—	141
CAIRO EZBEKIYA	05	6	02	2	0	0	—	16.2	+2.0	16.1	25	-4	11	-3	68	0	46	24	
CAIRO GIZA	05	5	30	2	0	1	9	16.4	+2.2	15.0	25	-4	8	-3	70	0	46	24	
HELWAN	00	7	32	2	0	0	—	16.3	+2.4	15.1	24	-5	11	-4	63	0	54	27	143
SUEZ	00	9	32	2	0	0	—	15.9	+2.0	17.6	26	-3	11	-5	68	0	37	16	144
FAIYUM	00	8	30	2	0	0	—	16.4	+2.3	15.8	25	-5	10	-3	61	0	75	8	153
MINYA	00	9	32	3	0	0	—	15.9	+2.5	15.4	26	-5	11	-3	67	0	1	—	154
ASYUT	00	8	22	1	0	0	—	15.4	+2.0	16.0	28	-4	11	-4	59	0	14	4	155
QENA	05	7	22	2	0	0	—	12.6	+0.4	19.0	37	+1	15	-2	48	0	20	—	156
LUXOR	00	7	—	—	0	0	—	13.4	—	23.8	36		12		30	0	tr	—	157
ASWAN	02	9	32	2	1	5	1	11.9	-0.2	22.2	38	+2	18	-2	22	0	dr	—	158
SIWA	00	7	00	0	0	0	—	17.9	+2.7	17.3	25	-5	7	-5	57	0	5	8	148
BAHARIYA	00	9	00	0	0	0	—	17.0	+2.3	15.0	25		9		58	0	7	—	149
KHARGA	00	9	32	3	0	2	1	14.6	+1.7	19.4	29	-5	15	-1	54	0	4	—	151
DAKHLA	00	8	04	1	0	0	—	16.6	+3.0	17.7	28	-7	12	-3	51	0	tr	—	152
TOR																	3	13	145
HURGHADA	00	9	30	5	0	0	—	13.6	+1.5	22.2	29	0	14	-2	36	0	8	—	146
QUSEIR	00	8	32	4	0	0	—	10.6	-1.3	22.0	26	-2	20	0	50	0	20	—	147
PORT SUDAN																0	90	96	169
WADI HALFA	00	8	30	4	0	3	2	12		22					21	0	dr	—	165
KAREIMA	02	8	04	4	1	7	4,5	9		27					13	0	tr	1	166
ATBARA	01	8	04	3	1	4	42	6		30					13	0	tr	3	167
KHARTUM																0	tr	4	168
KASSALA	01	8	04	3	0	4	1	3		33					26	0	~~21~~ 18	10	170
WAD MEDANI	01	8	02	4	0	3	1	5		33					19	0	8	13	171
DUEIM																0	4	14	173
RENK																		54	182
ROSEIRES	01	7	14	2	1	5	4	5		33					65	0	3	48	172
EL OBEID	02	9	32	3	1	5	4	6		30					13	0	6	18	174
EL FASHER																0	5	6	175
GENEINA	02	8	04	2	1	6	4,5	—		27					14	0	—	6	179
KADUGLI	02	8	28	2	1	5	1	—		32					21	0	—	98	187
MALAKAL	02	8	14	4	8	6	6,4	9		28					52	tr	52	112	176
WAU	02	8	27	2	1	8	4,5	8		27					58	0	193	212	177
JUBA	51	8	08	3	8	8	7	13		23					89	tr	~~168~~ 161	259	178

UPPER WINDS ON 20th رياح عليا يوم ٢٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA 7 h.	KAREIMA 7 h.	~~EL OBEID~~ El Fasher 7 h.	KASSALA 7 h.	~~EL OBEID~~ Geneina 7 h.	MALAKAL 7 h.	JUBA 7 h.
								10 36 30	10 04 65	10 05 06	10 03 20	10 02 20	10 14 20	10 10 30
								15 28 25	15 04 40	15 12 30	15 01 40	15 05 30	15 31 15	15 11 40
								20 24 35	20 06 15	20 18 30	20 03 30	20 02 20	20 01 30	
								30 22 50	30 23 20	25 16 20		35 05 20	35 36 40	
									35 25 15	30 16 20		40 07 15		
										40 15 25		45 23 15		
										45 16 25				
										50 21 10				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 19th	Diff. from normal	Wet Bulb Temp. °C on 19th	Diff. from normal
Alexandria	64	-4	14.0	-1.9
Ezbekiya	60	+7	14.6	-1.3
Giza	60	+5	13.6	-2.1
Helwan	56	+16	13.3	-0.6

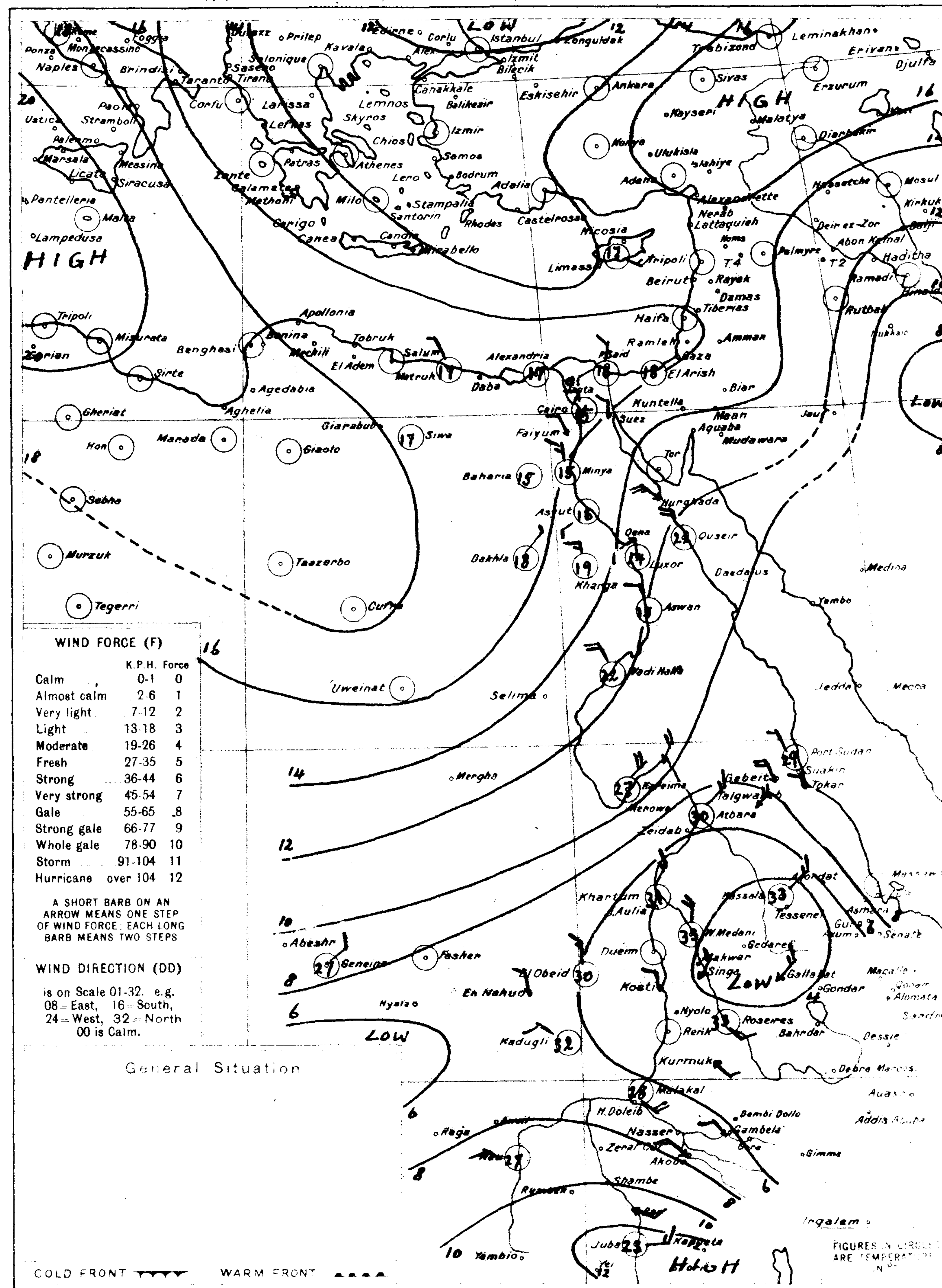
Giza Grass minimum on 20th 4.8 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
20-4	926	984
19-4	926	926

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		12.30	-1.06	12.36	-0.99
Nasser		—	—	4.92	-0.53
Malakal		9.57	-0.53	9.58	-0.52
Roseires		11.21	-0.10	11.18	-0.14
Sennar Res.		15.74	—	15.79	—
J. Aulia U.S	20	—	—	372.02	—
J. Aulia D.S		—	—	371.51	+0.65
Khartum		10.30	+0.10	10.32	+0.10
Kh. el Girba					
Atbara		10.36	+0.38	10.36	+0.38
Kajnarti		132.30	+0.44	132.29	+0.43
Aswan Res.		119.88	—	119.96	—
Aswan D.S.		85.17	-0.41	85.15	-0.43
Roda (Cairo)		15.82	+0.32	15.75	+0.25

١٩٤٥-٤-٢٠ Isobars, Wind and Temperature at 8 h. 20-4-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000

At 8 h. on 20th الساعة ٨ يوم ٢٠

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Nag Hamadi	00	8	00	0	0	0	—	15.1	—	18.2	31	—	12	—	54	0	16	—
Limassol	00	9	10	3	0	0	—	14.3	+1.5	17	—	—	—	—	—	0	630	439

SHIPS سفن

Remarks

Water Tempt. River Nile Cairo, 20.2 C.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
with Duststorm	98
heavy with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/177)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise 05 h 22 m
Sunset 18 26

Month APRIL 1945 ١٩٤٥ ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 20th — الساعة ١٤ يوم ٢٠ | At 8 h. on Saturday 21st — الساعة ٨ يوم السبت ٢١

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALUM																						—		—				—	130
	MATRUH	00	9	30	3	0	0	—	15.4	18.1	78	01	9	28	4	1	4	8	15.1	+0.5	17.3	19	-4	13	-1	78	0	103	157	131
	DIKHEILA																						—		—				—	150
	ALEXANDRIA											02	8	26	3	2	5	5	14.8	+0.5	17.0	21	-3	15	0	80	0	254	183	132
	DAMIETTA	00	8	28	2	1	1	8	15.1	18.6	60	00	8	20	3	1	0	—	14.4	—	17.1	20	—	10	—	72	0	100	103	159
	PORT SAÏD	00	8	30	2	0	0	—	14.7	21.0	47	01	8	22	2	1	4	8	14.0	+0.8	16.8	22	-2	13	-3	78	0	83	76	134
	EL 'ARÎSH	00	9	30	1	0	0	—	13.8	19.2	45	01	9	00	0	1	3	8	14.3	+0.5	18.4	20	-4	10	-3	55	0	248	90	135
LOWER EGYPT	DAMANHÛR	01	7	32	3	1	4	8	15.5	25.2	46	00	6	20	4	0	0	—	14.4	+0.3	17.3	25	-3	10	-2	73	0	128	97	136
	MANṢURA	01	8	02	1	1	3	8	14.3	23.0	38	41	7	24	2	4	0	—	14.8	—	17.2	25	-3	11	-2	68	0	61	51	137
	TANTA	00	8	28	3	0	0	—	14.2	24.3	48	00	8	24	2	0	0	—	15.0	+0.5	17.0	25	-4	8	-4	70	0	58	38	138
	ZAGÂZÎG	00	7	32	2	0	0	—	14.6	22.8	41	00	7	20	2	0	0	—	15.8	+1.4	17.2	—	—	—	—	67	0	46	26	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	00	8	30	1	0	0	—	15.5	22.7	31	00	7	22	2	0	0	—	15.9	—	17.9	24	—	12	—	49	0	52	—	141
	EZBEKIYA	00	8	24	1	0	0	—	13.6	23.0	40	05	5	00	0	0	0	—	15.6	+1.5	18.9	24	-5	13	-1	52	0	46	24	—
	GÎZA	00	8	28	1	0	0	—	15.1	23.7	29	00	7	00	0	0	0	—	16.0	+1.9	16.9	24	-5	9	-2	63	0	46	24	—
	HELWÂN	00	8	28	4	0	0	—	13.9	21.6	31	05	5	00	0	0	0	—	15.8	+2.0	16.1	23	-6	12	-3	64	0	54	27	143
	SUEZ	00	9	02	1	0	0	—	14.0	22.8	54	00	9	00	0	0	0	—	15.1	+1.2	18.7	25	-4	11	-5	68	0	37	16	144
UPPER EGYPT	FAIYÛM	00	8	32	4	0	0	—	14.0	23.0	27	00	8	00	0	0	0	—	16.2	+2.2	18.0	24	-6	12	-2	56	0	75	8	153
	MINYA											00	9	30	1	0	0	—	16.6	+3.2	17.0	26	-5	10	-4	60	0	1	—	154
	ASYÛT	00	8	30	1	0	0	—	12.8	25.0	16	00	6	22	1	0	0	—	16.8	+3.5	17.7	27	-5	11	-4	47	0	14	4	155
	QENA	00	9	22	2	0	0	—	9.8	34.0	19	05	7	26	4	0	0	—	15.2	+3.1	23.0	34	-2	13	-4	27	0	20	—	156
	LUXOR	00	7	30	2	0	0	—	11.1	31.0	17	00	7	02	2	0	0	—	16.3	—	22.5	33	—	13	—	30	0	tr	—	157
	ASWÂN	00	9	32	1	0	0	—	8.7	35.0	05	01	9	30	4	1	4	1	14.2	+2.2	20.6	35	-1	18	-2	22	0	dr	—	158
WESTERN DESERT	SÎWA	00	8	28	2	0	0	—	17.2	25.8	46	00	7	00	0	0	0	—	19.0	+3.8	16.3	27	-3	10	-3	48	0	5	8	148
	BAHARÎYA	00	9	00	0	0	0	—	15.0	24.0	33	00	9	00	0	0	0	—	—	—	19.5	27	—	12	—	59	0	7	—	149
	KHARGA	00	9	32	3	0	0	—	13.0	26.8	13	00	9	14	2	0	2	1	16.2	+3.3	18.7	27	-7	10	-6	24	0	4	—	151
	DÂKHLA	00	9	32	2	0	0	—	13.6	25.0	40	00	8	28	1	0	0	—	18.0	+4.5	16.7	26	-9	12	-3	54	0	tr	—	152
RED SEA	TÔR																												13	145
	HURGHÂDA	00	9	02	6	0	0	—	12.3	25.5	40	00	9	30	5	0	0	—	14.7	+2.6	21.2	26	-3	13	-4	29	0	8	—	146
	QUṢEIR	00	8	32	4	0	0	—	10.6	23.2	58	00	8	32	3	0	0	—	12.4	+0.5	22.0	24	-4	18	-2	39	0	20	—	147
	PORT SUDAN																										0	90	96	169
NORTH SUDAN	WÂDI HALFA	01	8	30	4	0	3	1	9	32	09	02	9	30	4	1	7	4,5	14		22					19	0	dr	—	165
	KAREIMA											01	7	04	3	1	4	4	11		28					12	0	tr	1	166
	'ATBARA	02	8	32	3	1	6	4,5	2	39	09	01	8	32	2	1	5	4	7		29					19	0	tr	3	167
	KHARTÛM																										0	tr	4	168
	KASSALA	00	8	28	1	0	0	—	97	43	15	00	8	16	2	0	0	—	5		32					36	0	21	11	170
CENTRAL SUDAN	WAD MEDANI	01	8	08	2	1	4	8	99	42	11	01	8	02	4	1	3	1	5		34					12	0	8	14	171
	DUEIM																										0	4	15	173
	RENK											00	8	16	3	0	0	—	6	—	30		—		—	49	0	—	54	182
	ROSEIRES											00	7	18	2	1	0	—	7		33					—	0	3	48	172
	EL OBEID	02	9	06	3	1	5	4	0	41	14	02	9	30	3	1	5	4	8		30					13	0	6	18	174
	EL FÂSHER	02	8	12	2	1	5	4,5	—	36	15	02	8	32	1	1	7	4,5	—		26					21	0	5	6	175
	GENEINA	01	8	00	0	1	4	4	—	36	12								—								0	—	6	179
	KADUGLI	02	8	12	3	1	5	4	3	39	16	02	8	12	2	1	5	1	8		28					58	0	—	99	187
S. SUDAN	MALAKÂL	02	8	18	5	1	5	4,8	4	33	36	25	8	18	3	8	5	4,5,6	11		25					79	tr	52	113	176
	WÂU	02	8	18	2	1	8	4,7	—	30	55	01	8	26	1	1	4	1,4	10		26					70		193	214	177
	JÛBA	01	8	14	2	1	4	2,4,8	6	35	50	10	8	04	3	6	6	6,4,5	14		22					88	29	187	263	178

UPPER WINDS ON 21st — الرياح العليا يوم ٢١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH h. m.	DIKHEILA h. m.	PORT SAÏD h. m.	HELWÂN 8 h. 15 m.	MINYA h. m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	KAREIMA 7 h. m.	Khartûm 7 h. m.	KASSALA 7 h. m.	EL OBEID h. m.	MALAKÂL 7 h. m.	JÛBA 7 h. m.
				02 20 10		02 31 05	02 35 25	10 36 40	10 02 40	10 01 15	10 11 15		10 26 35	10 03 30
				05 27 20		05 34 35	05 35 30	15 33 45	15 03 40	15 06 25	15 11 15		15 22 20	15 04 20
				08 28 30		10 33 35	10 34 40	20 29 35	20 01 15	20 12 15	20 12 10		20 26 15	20 07 [illegible]
				10 30 45		15 32 35	15 33 45	35 35 55	30 30 20	35 17 15	35 13 10		35 03 05	35 12 15
				12 31 50		20 30 40		40 34 70	40 26 25	40 14 20				40 13 15
						25 27 30		45 34 75	45 22 35	45 14 30				
						30 29 25			50 21 40	50 15 40				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 20th	Diff. from normal	Wet Bulb Temp °C on 20th	Diff. from normal
Alexandria	63	-5	13.6	-2.4
Ezbekîya	58	+5	14.3	-1.7
Gîza	64	+9	13.4	-2.4
Helwân	49	+9	12.5	-1.5

Gîza Grass minimum on 21st 6.4 °C

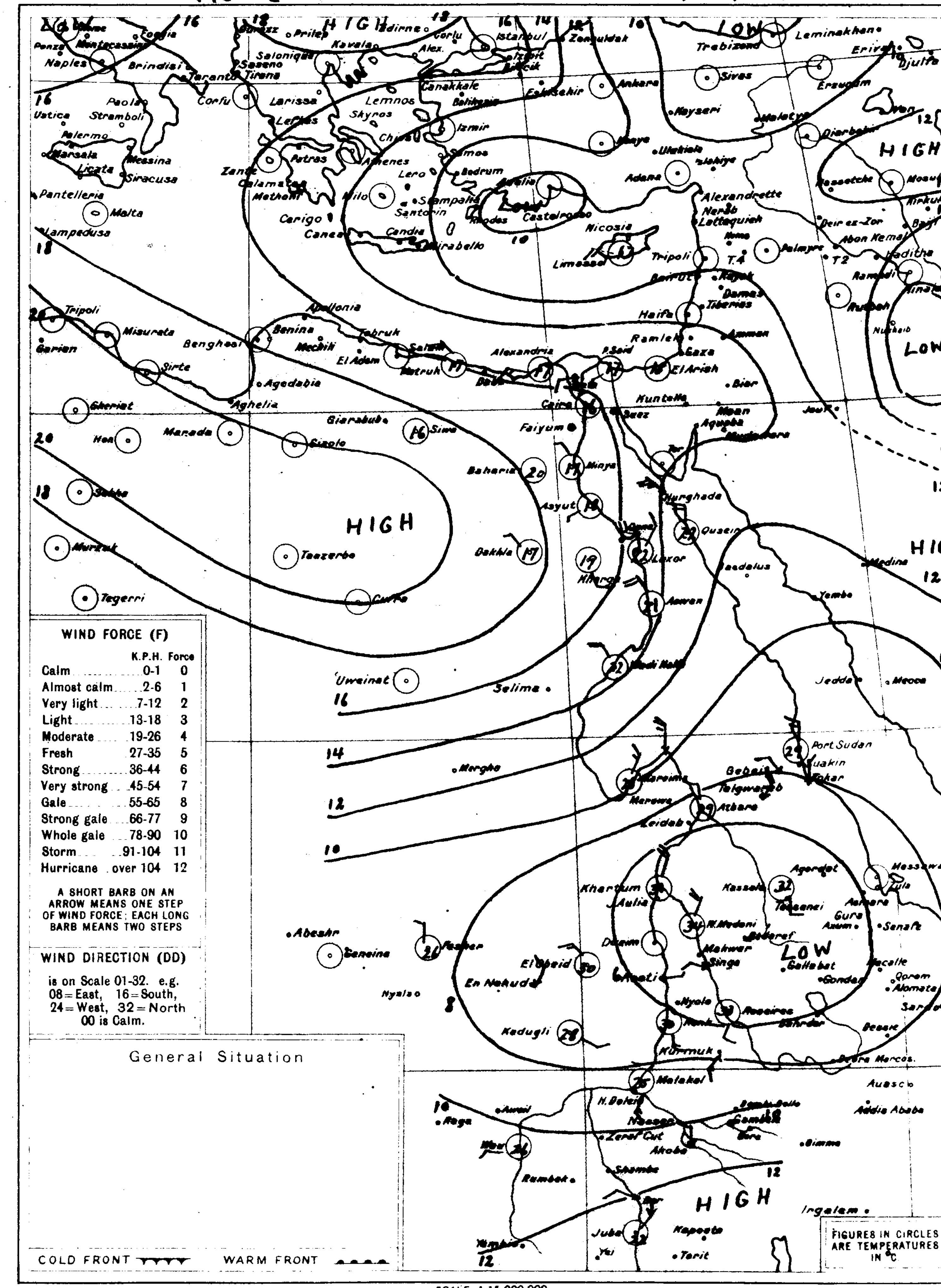
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
21-4	926	984
20-4	926	984

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.30	-1.06
Nasser					
Malakâl				9.57	-0.53
Roseires				11.21	-0.10
Sennâr Res.				15.74	—
J. Aulia U.S					
J. Aulia D.S	21-4				
Khartûm				10.30	+0.10
Kh. el Girba					
'Atbara				10.36	+0.38
Kajnarti				132.30	+0.44
Aswân Res.		119.88	—	119.88	—
Aswân D.S.		85.18	-0.46	85.-	-0.41
Rôda (Cairo)		15.84	+0.35	15.82	+0.32

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

Isobars, Wind and Temperature at 8 h. 21-4-1945 ١٩٤٥-٤-٢١



At 8 h. on 21st — الساعة ٨ يوم ٢١

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.
N. Hamadi	00	8	00	0	0	0	—	16.2	—	19.0	28	—	9	—	46	0	16	—
Limassol	01	8	26	3	1	4	—	11.6	-1.2	17	—	—	—	—	—	0	630	439
SHIPS سفن																		

Remarks
Water Temp
River Nile Cairo
20.1 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO

Time of Sunrise 05 h 21 m

Sunset 18 h 26 m

Month APRIL 1940 ١٩٤٠ شهر أبريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 21st — الساعة ١٤ يوم ٢١

Region	Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	°C Temp. TTT	% Humidity UU
MEDITERRANEAN	SALUM										
	MATRUH	01	9	28	5	1	4	8	15.6	19.0	38
	DIKHEILA										
	ALEXANDRIA	01	8	26	5	2	3	4	15.0	19.7	71
	DAMIETTA	14	6	28	5	3	3	8	13.6	20.9	59
	PORT SAID	02	7	28	3	2	5	5	13.6	22.4	62
	EL ARISH	00	9	30	2	0	0	—	13.1	18.1	65
LOWER EGYPT	DAMANHUR	01	6	20	5	1	4	8	14.4	22.6	45
	MANSURA	01	7	32	3	1	4	8	14.0	24.0	39
	TANTA	01	8	28	5	1	4	6	13.9	25.5	41
	ZAGAZIG	00	7	30	2	0	3	8	14.3	24.8	38
MIDDLE EGYPT — CAIRO	ALMAZA	00	8	28	2	0	2	8	15.4	25.6	25
	EZBEKIYA	01	8	26	3	0	4	8	13.8	25.8	31
	GIZA	01	8	26	2	1	3	8	14.2	27.0	25
	HELWAN	00	8	26	5	0	3	8	13.9	25.0	21
	SUEZ	00	9	02	1	0	0	—	14.2	25.3	49
UPPER EGYPT	FAIYUM	01	8	30	3	1	4	8	14.6	26.1	24
	MINYA	00	9	28	3	0	0	—	15.0	27.8	20
	ASYUT	00	8	30	1	0	0	—	15.0	26.0	20
	QENA	01	8	26	3	0	4	1	12.8	30.0	13
	LUXOR	00	7	28	4	0	0	—	—	29.0	14
	ASWAN	02	9	30	4	1	5	4	13.2	27.5	13
WESTERN DESERT	SIWA	00	8	28	4	0	0	—	17.2	27.0	60
	BAHARIYA	00	9	32	1	0	0	—	15.9	26.0	42
	KHARGA	01	9	32	3	1	3	1	14.4	27.6	13
	DAKHLA	00	9	24	2	0	0	—	16.0	26.5	40
RED SEA	TOR										
	HURGHADA	01	8	30	5	1	4	8	13.9	25.0	28
	QUSEIR	00	8	32	3	0	0	—	12.8	23.0	54
	PORT SUDAN										
NORTH SUDAN	WADI HALFA	02	8	30	5	1	7	4,5	12	29	08
	KAREIMA	14	7	02	5	1	5	4	8	32	05
	ATBARA	31	3	04	5	3	9	—	4	39	16
	KHARTUM										
	KASSALA	00	8	14	1	0	0	—	99	42	16
CENTRAL SUDAN	WAD MEDANI	01	8	32	3	1	3	3	0	42	08
	DUEIM										
	RENK										
	ROSEIRES	01	7	18	2	0	4	2	4	39	23
	EL OBEID	02	9	02	3	1	5	4,5	4	37	13
	EL FASHER	02	8	02	2	2	8	5	—	37	08
	GENEINA	02	8	04	2	1	8	4,5	—	32	10
	KADUGLI								.		
S. SUDAN	MALAKAL	01	8	20	3	1	5	8,4	5	36	29
	WAU	02	8	10	1	6	5	6,4	6	34	36
	JUBA	02	8	20	2	1	5	4	8	31	55

At 8 h. on SUNDAY 22nd — الساعة ٨ الأحد ٢٢

Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM																			130
MATRUH	00	9	20	1	0	0	—	18.8	+4.3	17.2	19	-4	11	-3	70	0	103	158	131
DIKHEILA																			150
ALEXANDRIA	00	9	26	2	0	0	—	19.6	+5.3	17.3	21	-3	14	-2	60	0	254	183	132
DAMIETTA	00	7	20	1	0	1	8	19.1	—	17.2	22		10		66	0	100	103	159
PORT SAID	01	8	26	2	1	4	4	18.6	+5.4	16.8	24	0	14	-2	69	0	83	76	134
EL ARISH	01	9	00	0	1	3	8	17.6?	+3.8	19.7	21	-3	9	-4	64	0	248	90	135
DAMANHUR	00	6	20	2	0	0	—	18.8	+4.7	17.3	24	-4	11	-1	61	0	128	97	136
MANSURA	00	8	28	2	0	0	—	19.4	—	16.4	26	-2	9	-4	62	0	61	51	137
TANTA	00	8	00	0	0	0	—	19.9	+5.5	17.0	26	-3	9	-3	61	0	58	38	138
ZAGAZIG	00	7	24	2	0	0	—	19.1	+4.7	18.2	25	-4	10	-2	62	0	46	26	139
ALMAZA	00	7	04	1	0	0	—	20.3	—	16.2	26	—	13	—	64	0	52	—	141
EZBEKIYA	05	6	02	1	0	0	—	19.5	+5.4	17.1	27	-2	13	-1	65	0	46	24	—
GIZA	05	5	30	2	0	0	—	19.5	+5.4	16.5	28	-1	10	-1	66	0	46	24	—
HELWAN	00	6	30	1	0	0	—	19.4	+5.6	16.0	26	-4	12	-3	67	0	54	27	143
SUEZ	00	9	02	1	0	0	—	19.2	+5.4	17.0	28	-1	13	-3	80	0	37	16	144
FAIYUM	00	8	00	0	0	0	—	19.5	+5.5	17.0	26	-4	13	-1	61	0	75	8	153
MINYA	00	9	02	1	0	0	—	18.4	+5.1	18.2	29	-2	12	-2	63	0	1	—	154
ASYUT	00	6	22	1	0	0	—	18.7	+5.4	19.5	27	-5	13	-3	39	0	14	4	155
QENA	01	7	22	2	1	4	3	18.3	+6.5	23.0	31	-5	14	-3	31	0	20	—	156
LUXOR	00	7	30	2	0	0	—	18.2	—	23.5	30	—	15	—	35	0	tr.	—	157
ASWAN	02	9	00	0	1	5	6	17.0	+5.0	21.4	29	-7	18	-2	25	0	dr.	—	158
SIWA	00	7	00	0	0	0	—	19.5	+4.4	18.8	28	-2	13	0	69	0	5	8	148
BAHARIYA	00	9	00	0	0	0	—	18.6	+2.6	16.0	29	—	10	—	59	0	7	—	149
KHARGA	01	9	04	1	1	4	3	18.2	+5.4	21.2	28	-7	11	-6	31	0	4	—	151
DAKHLA	00	8	28	1	0	0	—	19.1	+5.7	15.5	28	-7	8	-7	54	0	tr.	—	152
TOR																		13	145
HURGHADA	01	8	28	3	1	4	8	18.6	+6.6	23.2	27	-2	16	-1	33	0	8	—	146
QUSEIR	02	8	28	2	2	6	5	16.2	+4.4	22.0	25	-3	20	0	43	0	20	—	147
PORT SUDAN																0	90	96	169
WADI HALFA	02	8	30	3	1	6	4,2	17		23					20	0	dr.	—	165
KAREIMA	02	7	04	4	1	5	4	12		27					08	0	tr.	1	166
ATBARA	01	8	30	4	1	5	4	11		27					15	0	tr.	3	167
KHARTUM																0	tr.	4	168
KASSALA	00	8	06	5	0	0	—	7		28					42	0	18 ~~21~~	11	170
WAD MEDANI	18	7	32	5	0	3	1	8		31					08	0	8	14	171
DUEIM																0	4	15	173
RENK	00	9	04	3	0	0	—	7?		31		—		—	17	—	—	54	182
ROSEIRES	00	7	14	2	0	0	—	7		32					66	0	3	49	172
EL OBEID	00	8	02	4	0	2	1	10		27					08	0	6	18	174
EL FASHER	01	8	02	2	2	4	4,5	—		26					20	0	5	6	175
GENEINA																—	—	6	179
KADUGLI	00	7	04	4	0	3	1	9		30					05	—	—	100	187
MALAKAL	01	7	30	1	1	4	4	8		29					35	0	52	114	176
WAU	02	8	00	0	1	8	8,2	9		27					66	tr	193	216	177
JUBA	01	8	20	2	6	5	4,5	11		27					70	6	143 (196)	267	178

UPPER WINDS ON 22nd — الرياح العليا يوم ٢٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 30 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA h. m.	El Fasher 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA 7 h. m.
				02 06 05		02 06 10	02 36 10	10 03 45		10 04 25	10 02 30	10 03 50	10 02 40	10 18 15
				05 03 10		05 03 20	05 01 35	15 35 40		20 03 30	15 04 40	15 02 55	15 02 45	15 05 15
				08 34 15		10 32 30	10 36 45	20 32 35		30 09 20	20 36 35	20 03 65		20 07 20
				10 29 50		15 32 30	15 01 50	30 26 45		40 14 40	30 31 15	30 06 10		30 09 28
				15 28 50		20 30 30		40 26 45		50 19 45	40 28 20	40 17 20		40 08 40
				20 28 60		30 27 25		45 25 45		55 21 45	45 32 45			45 07 45
				21 28 50										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day — Humidity % on 21st	Diff. from normal	Wet bulb temp °C on 21st	Diff. from normal
Alexandria	70	+2	15.0	-1.1
Ezbekiya	51	-2	15.0	-1.1
Giza	60	+5	14.3	-1.5
Helwan	53	+13	13.6	-0.5

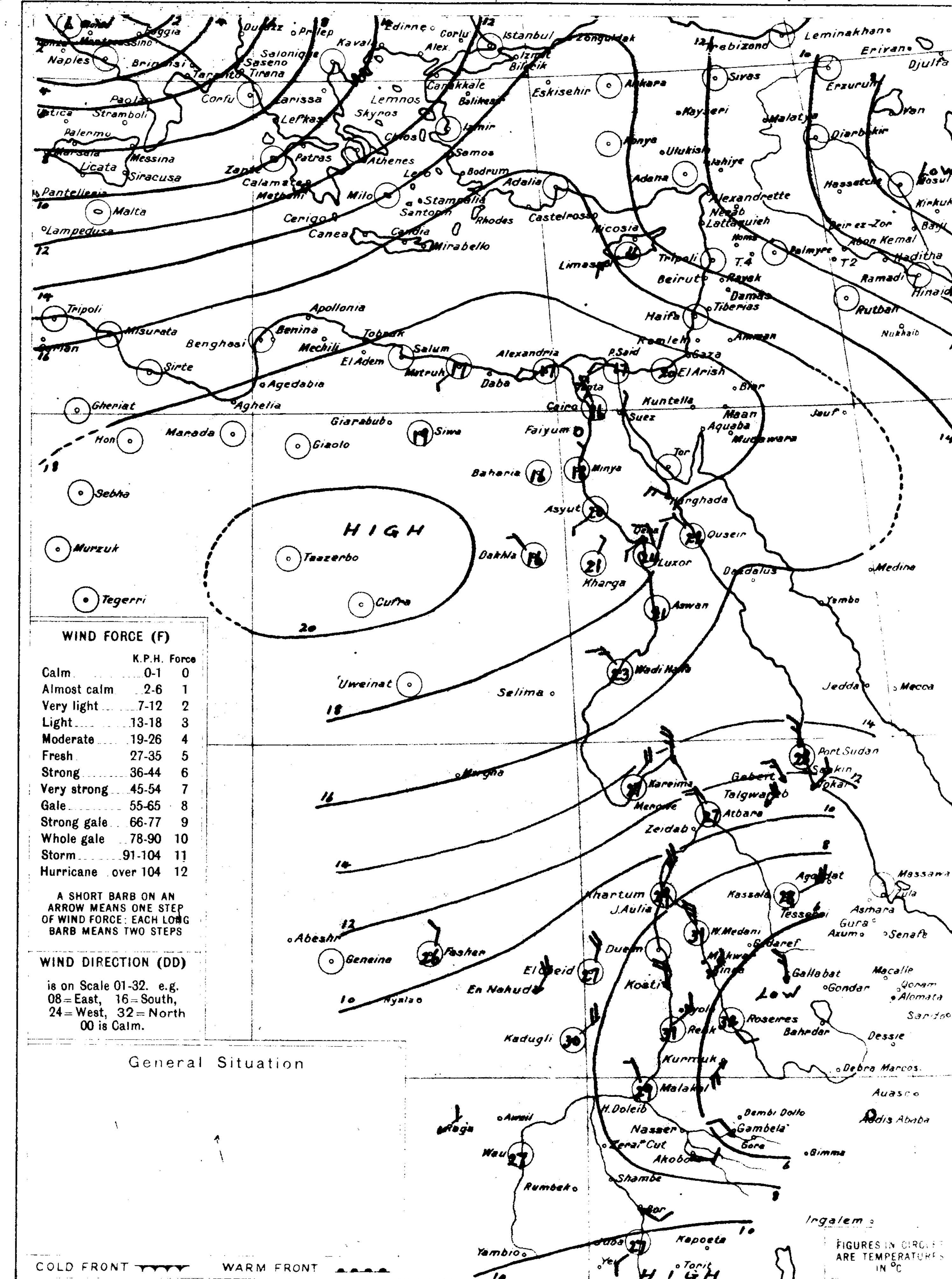
Giza Grass minimum on 22nd 6.5 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
22-4	926	984
21-4	926	984

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				12.37	-0.99
Nasser				4.92	-0.52
Malakal		9.53	-0.57	9.53	-0.57
Roseires	22	11.30	0.00		
Sennar Res.				15.70	—
J. Aulia U.S				371.60	—
J. Aulia D.S				371.44	+0.58
Khartum				10.26	+0.07
Kh. el Girba	21				
Atbara	22	10.32	+0.35	10.34	+0.37
Kajnarti				132.27	+0.41
Aswan Res.		119.87	—	119.88	—
Aswan D.S.		85.18	-0.41	85.18	-0.40
Roda (Cairo)		15.91	+0.42	15.84	+0.35

١٩٤٥-٤-٢٢ Isobars, Wind and Temperature at 8 h. 22-4-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

At 8 h. on 22nd — الساعة ٨ يوم ٢٢

STATION محطة	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff from norm. °C	Min. Today °C	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Nag Hamadi	01	8	00	0	0	4	4	18.7	—	20.5	28	—	13	—	39	0	16	—
Limassol	02	7	22	3	1	6	—	14.4	+1.6	16	—	—	—	—	—	3	633	440

SHIPS سفن

Remarks

Water Tempt. River Nile Cairo 20.3 C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise h 05 m 28
Sunset 18 27

Month Apral 1945 ١٩٤٥ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 22 nd ٢٢ الساعة ١٤ يوم — At 8 h. on Monday 23rd الساعة ٨ يوم الاثنين ٢٣

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM	00	9	24	3	0	0	–	16.7	23.0	64	00	8	20	4	0	3	–	16.6	+1.9	22.8	29	—	16		54	0		—	130
MATRUH	00	9	04	1	0	0	–	17.9	19.8	65	00	8	18	4	0	0	–	17.5	+3.0	22.6	23	0	16	+2	35	0	103	158	131
DIKHEILA																						—		—				—	150
ALEXANDRIA	00	9	28	2	0	0	–	19.5	19.7	56	00	9	16	3	0	0	–	19.0	+4.7	17.0	22	–2	13	–3	64	0	254	183	132
DAMIETTA	00	8	28	3	0	0	–	19.0	18.6	55	00	8	16	3	0	0	–	19.2	—	19.0	20	—	11	—	53	0	100	103	159
PORT SAID	00	9	03	3	0	0	–	18.7	21.0	48	00	8	12	2	0	0	–	18.7	+5.6	16.8	22	–2	14	–2	69	0	83	76	134
EL ARISH	00	9	30	1	0	0	–	—	22.3	47	00	9	00	0	0	0	–	18.3	+4.5	18.2	22	–2	9	–4	47	0	248	90	135
LOWER EGYPT																													
DAMANHUR	00	7	24	3	0	0	–	18.7	22.4	38	00	6	20	3	0	0	–	18.7	+4.6	18.0	23	–5	11	–2	58	0	128	97	136
MANSURA	00	8	04	2	0	0	–	18.6	23.8	33	00	8	14	2	0	0	–	19.2	—	19.2	25	–3	10	–3	53	0	61	51	137
TANTA	00	8	00	0	0	0	–	18.3	25.0	39	00	8	00	0	0	0	–	19.1	+4.7	19.0	26	–3	11	–1	54	0	58	39	138
ZAGAZIG	00	7	24	2	0	0	–	18.6	23.6	39	00	7	12	2	0	0	–	19.2	+4.8	18.2	25	–4	12	0	59	0	46	26	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	26	2	0	0	–	19.4	24.1	30	00	7	10	1	0	0	–	19.5	—	23.2	26	—	13	—	24	0	52	—	141
CAIRO EZBEKIYA	00	8	02	2	0	0	–	18.3	24.3	36	05	5	16	2	0	0	–	19.6	+5.6	19.4	25	–5	12	–2	51	0	46	24	—
CAIRO GIZA	00	8	30	2	0	0	–	18.6	25.3	31	05	5	12	1	0	0	–	19.9	+5.9	16.6	26	–4	8	–3	66	0	46	24	—
HELWAN	00	8	28	4	0	0	–	18.2	23.7	27	05	5	00	0	0	0	–	20.0	+6.2	17.0	24	–6	13	–2	56	0	54	27	143
SUEZ	00	9	02	3	0	0	–	17.6	25.8	48	00	9	00	0	0	0	–	19.8	+6.1	19.1	28	–1	11	–5	67	0	37	16	144
UPPER EGYPT																													
FAIYUM	00	8	28	2	0	0	–	18.7	25.4	34	00	8	00	0	0	0	–	20.2	+6.3	20.5	26	–4	11	–3	41	0	75	8	153
MINYA	00	9	02	2	0	0	–	17.4	27.4	20	00	9	12	1	0	0	–	20.6	+7.3	22.2	30	–1	13	–1	39	0	1	—	154
ASYUT	00	8	30	1	0	0	–	16.8	28.0	22	00	6	22	1	0	0	–	20.3	+7.1	21.0	29	–3	14	–2	41	0	14	4	155
QENA	01	8	32	1	1	3	1	15.4	30.0	16	01	7	12	1	1	3	1	18.2	+6.3	21.6	33	–3	14	–3	42	0	20	—	156
LUXOR	00	7	28	2	0	0	–	15.6	32.0	18	00	7	30	2	0	0	–	18.7	—	23.5	33	—	14	—	35	0	tr	—	157
ASWAN	02	9	32	4	1	5	2	14.6	28.0	17	02	9	32	1	1	5	1	17.6	+5.7	21.4	30	–6	18	–2	32	0	dr		158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	–	19.1	30.0	50	00	7	00	0	0	0	–	19.0	+3.9	20.0	31	0	10	–3	65	0	5	8	148
BAHARIYA	00	9	08	1	0	0	–	17.1	25.5	32	00	9	00	0	0	0	–	21.1	+6.6	16.5	27	—	10	—	56 60	0	7	—	149
KHARGA	01	9	04	2	1	5	2	16.3	28.6	16	00	8	02	2	0	2	1	18.0	+5.3	18.7	30	–5	16	–1	64	0	4		151
DAKHLA	00	9	32	1	0	0	–	17.0	29.0	46	00	8	28	1	0	0	–	20.0	+6.7	18.5	21	–6	12	–4	58	0	tr	—	152
RED SEA																													
TOR											00	7	28	1	0	0	–	18.0	+6.2	21.2	30	+1	11	–6	74	0	3	13	145
HURGHADA	01	8	02	3	1	4	8	17.4	25.5	40	01	8	30	3	1	4	8	17.4	+5.4	23.0	29	–7	17	0	25	0	8		146
QUSEIR	02	8	32	2	2	6	5	17.1	24.0	60	00	8	32	3	0	0	–	16.4	+4.0	22.4	25	–4	21	0	50	0	20		147
PORT SUDAN																										0	90	96	169
NORTH SUDAN																													
WADI HALFA	02	8	30	4	1	5	4	13	31	11	02	8	28	2	1	5	2	17		22					25	0	dr	—	165
KAREIMA	01	8	04	4	1	5	4	9	32	09	00	8	06	4	0	1	4	12		26					11	0	tr	1	166
ATBARA	00	7	04	3	1	2	4	5	38	07	01	7	04	4	1	4	1	11		26					21	0	tr	3	167
KHARTUM																										0	tr	5	168
KASSALA	00	6	04	3	1	2	8	3	41	15	00	7	04	4	0	0	–	8		28					27	0	18 ~~21~~	11	170
CENTRAL SUDAN																													
WAD MEDANI	18	7	32	5	3	0	–	2	41	07	18	6	02	5	1	3	1	8		28					18	0	8	14	171
DUEIM																										0	4	15	173
RENK	00	9	32	3	0	0	–	2	40	14	00	9	32	3	0	0	–	7		31		—		—	16	–	–	54	182
ROSEIRES	00	7	20	2	0	0	–	3	41	10	02	7	26	2	1	5	4	7		30					38	0	3	49	172
EL OBEID	18	4	04	5	1	4	1	3	38	09	01	7	32	4	1	5	2	10		21					08	0	6	18	174
EL FASHER	02	8	32	4	1	5	4,2	—	36	10	00	7	32	1	0	0	–	—		27					19	0	5	6	175
GENEINA	02	9	02	3	1	7	4,5	—	32	13	00	8	02	5	1	3	4	—		26					08	–	–	7	179
KADUGLI	01	8	04	5	0	4	1	3	40	08	01	7	04	4	0	4	1	8		31					09	–	–	101	187
S. SUDAN																													
MALAKAL	05	6	08	3	0	0	–	2	39	07																0	52	115	176
WAU	25	8	00	0	8	7	6,4	6	36	33	02	8	24	1	1	8	4,2	11		27					46	tr	193	218	177
JUBA	02	8	08	2	1	6	8,1	6	34	37	93	1	12	3	9	8	4,4	12		21					88	12	~~205~~ 208	271	178

UPPER WINDS ON 23 (٢٣ الرياح العليا يوم)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

	SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	El Fasher	KASSALA	EL OBEID	Geneina	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	8 h. 13 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.
					02 18 05		02 36 05	02 02 15	10 03 40	10 03 25	10 35 20	10 10 20	10 03 60	10 05 45	
					05 08 10		05 04 05	05 01 30	15 25 25	15 01 25	15 04 55	15 05 40	15 03 80	15 05 60	
					08 04 20		10 26 30	10 02 30	20 32 35	20 35 20	20 03 35	20 07 –	20 05 55	20 05 45	
					10 32 50		15 34 25	15 01 25	40 26 45	30 30 10	40 18 30			40 15 35	
					15 35 50		20 01 20			40 24 20	45 15 35			45 15 40	
					20 34 60		25 36 25			50 20 30	50 18 20				
					23 36 30		30 31 25			60 21 30					
					25 31 40										
					30 28 55										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 22nd	Diff. from normal	Wet Bulb Temp. °C on 22nd	Diff. from normal
Alexandria	58	–10	13.5	–2.6
Ezbekiya	50	–3	14.3	–1.9
Giza	56	+1	13.6	–2.3
Helwan	43	+3	12.8	–1.4

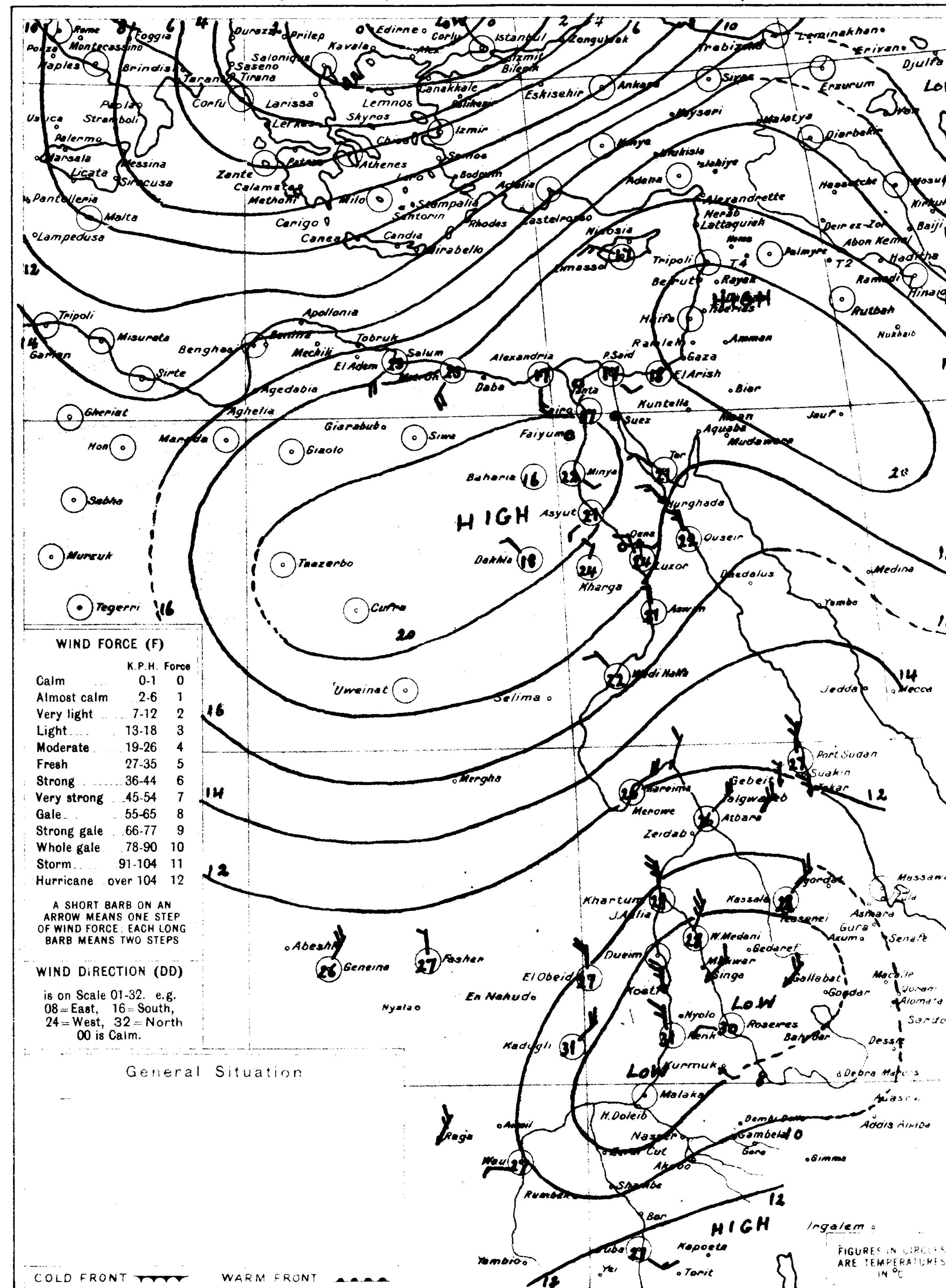
Giza Grass minimum on 23rd 4.8 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
23 – 4	926	984
22 – 4	926	984

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba					
Nasser					
Malakal	"	9.51	– 0.58	9.53	– 0.57
Roseires	"			11.30	0.00
Sennar Res.	"			15.67	
J. Aulia U.S	"			371.34	
J. Aulia D.S	"			371.30	+ 0.44
Khartum	"			10.15	– 0.03
Kh. el Girba	"				
Atbara	"			10.32	+ 0.35
Kajnarti	"			132.26	+ 0.40
Aswan Res.	"	119.84		119.87	
Aswan D.S.		85.18	– 0.41	85.18	– 0.41
Roda (Cairo)		15.97	+ 0.48	15.91	+ 0.42

٢٣/٤/١٩٤٥ Isobars, Wind and Temperature at 8 h. 23.4.1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT WARM FRONT

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 23 33 الساعة ٨ يوم ٢٣

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	01	8	00	0	1	4	4	19.9	—	23.0	30	—	13	—	39	0	16	—
Limassol	09	6	26	3	1	4	—	18.8	+6.0	17	—	—	—	—	—	0	633	441

SHIPS سفن

Remarks

Water Temp.
R. Nile Cairo
20.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION. INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 5 h 19 m
Sunset 18 h 27 m

Month April 1945 ١٩٤٥ شهر ابريل

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 23rd — الساعة ١٤ يوم ٢٣

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU
MEDITERRANEAN										
SALUM	01	9	26	4	1	3	1	15.1	31.8	51
MATRUH	00	9	32	1	0	0	—	16.3	27.8	34
DIKHEILA										
ALEXANDRIA	00	9	28	2	0	0	—	18.4	27.2	21
DAMIETTA	00	8	12	3	0	0	—	18.0	26.4	37
PORT SAÏD	00	8	04	2	0	0	—	18.3	25.3	52
EL 'ARISH	00	9	30	2	0	0	—	—	20.2	47
LOWER EGYPT										
DAMANHUR	00	7	28	3	0	0	—	19.8	29.2	21
MANṢURA	00	8	24	2	0	0	—	18.0	29.3	18
TANTA	00	8	28	2	0	0	—	17.9	30.0	21
ZAGAZIG	00	7	28	2	0	0	—	18.3	28.6	27
MIDDLE EGYPT										
CAIRO ALMAZA	00	8	32	1	0	0	—	18.8	29.0	15
CAIRO EZBEKIYA	00	8	26	2	0	0	—	18.0	29.0	21
CAIRO GIZA	00	8	00	0	0	0	—	17.8	30.1	14
HELWAN	00	7	30	4	0	0	—	17.2	27.9	13
SUEZ	00	9	02	1	0	0	—	19.0	27.7	43
UPPER EGYPT										
FAIYUM	00	8	02	2	0	0	—	18.2	27.8	19
MINYA	00	9	30	3	0	0	—	18.3	29.9	13
ASYUT	00	8	30	2	0	0	—	16.7	29.0	04
QENA	01	8	26	2	1	4	1	14.8	32.8	
LUXOR	00	7	32	2	0	0	—	15.0	33.0	14
ASWAN	02	9	32	1	1	5	2	14.2	27.0	17
WESTERN DESERT										
SIWA	00	8	00	0	0	0	—	18.4	31.5	37
BAHARIYA	00	9	32	1	0	0	—	18.0	28.0	27
KHARGA	01	9	04	1	1	4	2	15.5	29.8	16
DAKHLA	00	9	04	1	0	0	—	16.7	30.0	36
RED SEA										
TOR	00	7	28	2	0	0	—	16.4	24.4	41
HURGHADA	02	7	30	3	2	5	8	17.1	26.0	
QUSEIR	00	8	32	3	0	0	—	16.2	24.0	55
PORT SUDAN										
NORTH SUDAN										
WADI HALFA	02	9	30	4	1	7	4,5	13	31	11
KAREIMA	00	8	04	4	0	1	4	8	38	06
ATBARA	00	8	32	3	0	3	4	6	37	10
KHARTUM										
KASSALA	00	8	04	3	0	2	1			
CENTRAL SUDAN										
WAD MEDANI	00	8	02	4	0	0	—	2	42	06
DUEIM										
RENK	00	6	24	3	0	0	—	3	41	13
ROSEIRES	00	6	20	2	0	0	—	3	41	25
EL OBEID	00	8	02	6	0	2	1	4	38	08
EL FASHER	01	8	04	2	0	4	4,1	—	36	09
GENEINA	00	8	04	4	1	3	4	—	36	07
KADUGLI	01	8	04	4	1	4	1	4	40	06
S. SUDAN										
MALAKAL	00	8	16	4	0	0	—	6	37	22
WAU	02	8	00	0	1	6	4	8	36	37
JUBA	02	8	18	2	1	5	6,4,5	11		62

At 8 h. on Tuesday 24th — الساعة ٨ يوم الثلاثاء ٢٤

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station Number
SALUM	00	9	24	4	1	3	1	13.4		21.2	33		19		69	0	—		130
MATRUH	18	6	20	5	3	4	6	13.2	−1.3	20.6	31	+8	15	+1	64	0	103	158	131
DIKHEILA																			150
ALEXANDRIA	02	9	20	2	2	5	4	15.2	+1.0	22.4	29	+5	17	+1	48	0	254	153	132
DAMIETTA	02	7	14	2	1	5	8	15.1	—	22.5	27	—	15	—	42	0	100	103	159
PORT SAÏD	02	8	14	2	2	5	5	15.2	+2.1	20.6	25	+1	17	+1	35	0	83	78	134
EL 'ARISH	01	9	20	1	1	3	8	17.4	+3.6	17.0	21	−3	10	−3	59	0	245	90	135
DAMANHUR	01	6	16	3	1	5	1	14.8	+0.7	23.3	31	+3	15	+2	34	0	128	97	136
MANṢURA	01	7	20	2	1	4	6	15.4	—	22.7	33	+4	13	0	36	0	61	57	137
TANTA	02	7	24	1	1	5	4	15.5	+1.1	22.0	31	+2	16	+4	45	0	58	39	138
ZAGAZIG	01	7	20	2	1	3	1	15.7	+1.5	22.8	29	0	14	+2	38	0	46	26	139
CAIRO ALMAZA	01	7	18	2	1	3	1	16.2	—	26.0	30	—	16	—	20	0	52	—	141
CAIRO EZBEKIYA	05	5	14	2	0	3	2	15.9	+1.9	24.1	30	0	15	0	22	0	46	24	—
CAIRO GIZA	05	5	12	2	1	3	3	16.3	+2.3	20.3	31	+1	10	−2	46	0	46	24	—
HELWAN	01	7	00	0	0	3	1	15.9	+2.2	22.4	29	−1	17	+2	18	0	54	27	143
SUEZ	00	9	14	1	0	0	—	16.7	+3.0	24.5	30	+1	13	−3	46	0	37	16	144
FAIYUM	01	8	16	1	1	3	4	16.4	+2.6	21.0	30	0	13	−1	35	0	75	8	153
MINYA	00	9	02	2	1	2	3	16.6	+3.4	23.7	30	−2	14	0	15	0	1	—	154
ASYUT	00	6	22	1	0	0	—	16.2	+3.1	21.8	30	−2	14	−2	24	0	14	4	155
QENA	01	8	16	1	1	3	1	14.6	+2.8	22.3	34	−2	15	−2	21	0	20	—	156
LUXOR	00	7	14	2	0	0	—	15.9	—	24.2	34	—	15	—	45	0	tr	—	157
ASWAN	02	9	32	2	1	5	4	14.2	+2.3	23.0	32	−5	20	−1	17	0	dr	—	158
SIWA	00	7	00	0	0	0	—	16.3	+1.3	19.5	33	+2	12	−1	51	0	5	8	148
BAHARIYA	00	9	00	0	0	0	—	16.6	+2.2	20.0	30	—	12	—		0	7		149
KHARGA	00	9	00	0	0	0	—	15.6	+3.0	23.0	31	−4	14	−3	31	0	4	—	151
DAKHLA	00	8	20	1	0	0	—	17.0	+3.7	20.5	32	−3	14	−2	52	0	tr		152
TOR	00	6	00	0	0	0	—	14.0	+2.2	22.3	27	−2	15	−2	50	0	3	13	145
HURGHADA	01	8	28	3	1	4	8	15.9	+4.0	26.0	28	−2	17	0	24	0	8	—	146
QUSEIR	00	8	28	2	0	0	—	15.5	+3.8	22.0	26	−3	20	−1	54	0	20	—	147
PORT SUDAN																0	90	96	169
WADI HALFA	01	9	28	3	1	4	4									0	dr	—	165
KAREIMA	00	8	02	3	0	0	—	12		27					08	0	tr	1	166
ATBARA	01	7	32	4	1	3	1	9		32					16	0	tr	3	167
KHARTUM																0	tr	5	168
KASSALA	01	8	08	1	1	5	1	6		33					19	0	~~24~~ 18	11	170
WAD MEDANI	01	8	02	5	2	5	4	6		23					11	0	8	14	171
DUEIM																0	4	15	173
RENK																—	—	55	182
ROSEIRES																0	3	50	172
EL OBEID	00	8	32	3	0	0	—	11		27					23	0	6	18	174
EL FASHER	00	8		1				—								0	5	6	175
GENEINA	00	8	02	3	0	0	—	—		19					08	—	—	7	179
KADUGLI																—	—	102	187
MALAKAL	00	8	24	4	0	0	—	8							22	0	52	116	176
WAU	00	8	00	0	0	0	—	8								0	193	220	177
JUBA																8	~~240~~ 216	275	178

UPPER WINDS ON 24th — الرياح العليا يوم ٢٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	CAIRO (8 h. 15 m.)	HELWAN (8 h.)	MINYA	ASYUT (7 h.)	ASWAN (7 h.)	WADI HALFA (7 h.)	KAREIMA (7 h.)	KHARTUM (7 h.)	KASSALA (7 h.)	EL OBEID (7 h.)	MALAKAL (7 h.)	JUBA (7 h.)
			02 18 25	02 15 15		02 02 05	02 01 15	10 02 40	10 05 45	10 05 110	10 08 10	10 01 80	10 08 25	10 17 25
			05 17 20	05 14 15		05 03 30	05 01 35	15 35 15	15 35 20	15 05 90	15 07 15	15 04 65	15 29 20	15 13 25
			10 30 25	08 22 10		10 36 30	10 02 30	20 33 20	20 35 25	20 06 80	20 06 15	20 04 50	30 34 05	20 13 10
			15 33 20	10 27 20		15 01 30	15 01 25	30 27 40	30 32 15		30 05 25	30 09 25	40 21 20	30 35 05
			18 01 25	15 30 15		20 33 25	20 01 30	40 25 50	40 31 25			40 08 15	60 21 05	40 33 05
						30 29 20		50 16 55	50 25 30					
						40 26 20		60 25 70	60 23 30					

Forecast for 24 hours from noon on

تغيرات طقس المنطقة في ٢٤ ساعة من ظهر يوم

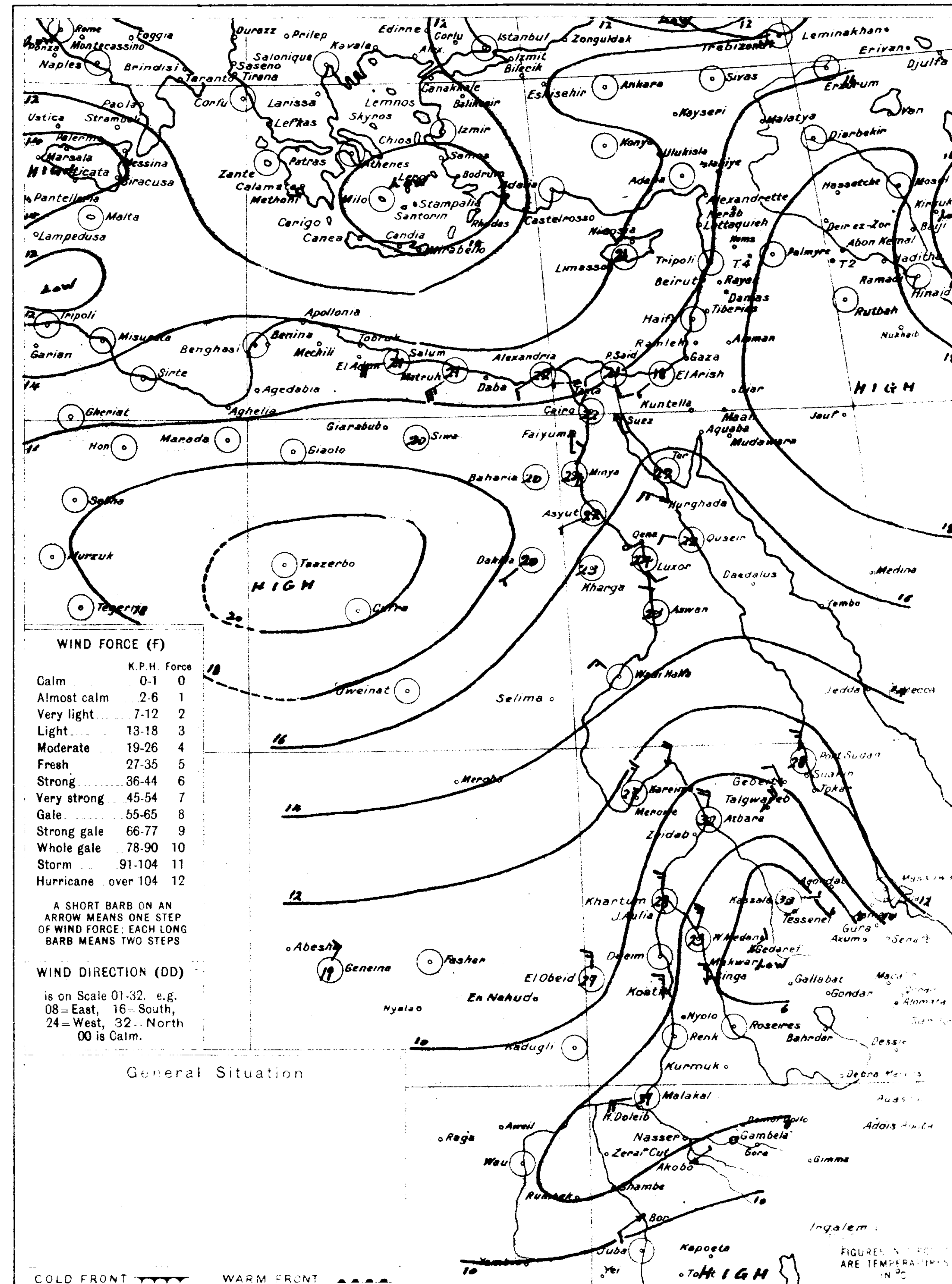
STATION	Mean of day: Humidity % on 23rd	Diff. from normal	Wet Bulb Temp. °C on 23rd	Diff. from normal
Alexandria	45	−23	14.7	−1.5
Ezbekiya	43	−9	15.0	1.3
Giza	52	−2	15.5	−0.5
Helwan	33	−7	13.2	−1.1
Giza Grass minimum	24		6.2 °C	

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
24-4	926	984
23-4	926	984

GAUGE	Date	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	24-4-1945			12.40	−0.97
Nasser				5.05	−0.39
Malakal		9.50	−0.59	9.51	−0.58
Roseires		11.24	−0.07	11.27	−0.03
Sennar Res.				15.53	
J. Aulia U.S				371.21	
J. Aulia D.S				371.17	+0.31
Khartum				9.98	−0.20
Kh. el Girba					
Atbara		10.28	+0.31	10.30	+0.33
Kajnarti		132.23	+0.37	132.24	+0.38
Aswan Res.		119.81		119.84	
Aswan D.S.		85.18	−0.41	85.18	−0.41
Roda (Cairo)		16.02	+0.53	15.97	+0.48

١٩٤٥/٤/٢٤ Isobars, Wind and Temperature at 8 h. 24.4.1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

At 8 h. on 24th — الساعة ٨ يوم ٢٤

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms
N. Hamadi	00	6	00	0	0	0	—	15.8	—	22.0	31	—	11	—	29	0	16	—
Limassol	01	8	30	3	6	4	—	14.7	+1.9	21	—	—	—	—	—	0	633	441
SHIPS سفن																		

Remarks

Water Temp. R. Nile Cairo 20.9 °C.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
visible over 50 kms	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (28/554) 1939 (39/???)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h m 05 17
Sunset 18 28

Month April 1945 ١٩٤٥ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 24 ... الساعة ١٤ يوم ٢٤ — At 8 h. on 25 ... الساعة ٨

Region	Station	14h Past weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs PPP	14h Temp TTT	14h Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
Mediterranean	SALUM	02	8	16	5	1	5	1	12.8	22.1	88	00	9	08	1	0	0	–	11.8		22.2	29	—	9	—	67	0		—	130
	MATRUH	00	9	28	3	3	0	–	13.6	20.7	76	01	9	32	1	1	4	8	12.3	-2.1	21.1	30	+7	14	0	49	0	103	158	131
	DIKHEILA																													150
	ALEXANDRIA	02	9	02	3	2	5	2	13.9	26.0	35	00	8	00	0	0	0	–	13.1	-1.1	22.0	30	+6	15	-1	44	0	254	183	132
	DAMIETTA	01	8	30	2	1	4	1	14.0	28.2	22	00	8	28	2	1	0	–	12.8	—	21.9	32	—	15	—	64	0	100	103	159
	PORT SAID	00	8	00	1	0	3	1	14.0	28.7	35	00	8	30	2	0	0	–	12.2	-0.9	20.7	32	+8	17	+1	73	0	83	76	134
	EL ARISH	01	9	30	1	1	3	8		20.3	43	00	9	00	0	0	0	–	12.7	-1.1	20.3	23	-2	10	-3	49	0	248	91	135
Lower Egypt	DAMANHUR	01	6	28	4	1	4	1	13.2	32.8	17	00	6	24	2	0	0	–	12.8	-1.3	20.7	34	+6	13	0	54	0	128	98	136
	MANSURA	01	8	02	2	1	3	6	13.9	32.5	14	00	8	02	2	0	0	–	13.5	—	20.6	34	+5	13	0	58	0	61	51	137
	TANTA	01	8	24	2	1	5	2	13.2	33.0	20	00	8	00	0	0	0	–	13.4	-0.9	20.0	34	+5	11	-2	55	0	58	39	138
	ZAGAZIG	00	7	16	2	0	0	–	14.8	31.4	24	00	7	12	2	0	0	–	13.4	-1.0	20.4					55	0	46	26	139
Middle Egypt (Cairo)	ALMAZA	01	7	28	2	0	4	2	15.2	31.1	17	00	7	20	3	0	0	–	13.9	—	21.5	33	—	16	—	54	0	52	—	141
	EZBEKIYA	01	8	24	1	1	5	1	14.0	31.6	15	05	4	00	0	0	0	–	13.4	-0.5	22.6	33	+3	16	+1	44	0	46	24	—
	GIZA	01	8	00	0	1	4	1	14.3	33.6	11	05	5	00	0	0	0	–	13.5	-0.4	19.3	34	+4	12	0	57	0	46	24	—
	HELWAN	02	8	24	3	1	5	1	13.8	31.0	16	05	5	00	0	0	0	–	13.6	-0.1	20.5	33	+3	17	+2	37	0	54	27	143
	SUEZ	00	8	02	1	0	0	–	14.0	30.4	14	00	9	00	0	0	0	–			20.8	32	+3	14	-2	39	0	37	16	144
Upper Egypt	FAIYUM	02	8	02	2	2	5	4	14.2	31.6	16	00	8	00	0	0	0	–	13.9	+0.1	21.9	33	+2	15	+1	43	0	75	8	153
	MINYA	01	9	30	3	1	3	3	15.4	31.0	15	00	9	24	1	0	0	–	13.9	+0.8	23.6	33	+1	15	0	35	0	1	—	154
	ASYUT	01	8	30	1	1	3	2	13.5	30.0	11	00	6	24	1	0	0	–	14.0	+1.0	22.6	32	0	15	-1	29	0	14	4	155
	QENA	00	9	24	1	1	0	–	11.4	35.0		00	7	32	1	0	0	–	12.7	+1.0	23.8	37	+1	16	-2	27	0	20	—	156
	LUXOR	00	7	32	2	0	0	–	12.3	34.9		00	7	26	2	0	0	–	13.4	—	24.5	36	—	14	—	27	0	tr	—	157
	ASWAN	00	9	32	2	0	0	–	11.6	31.4	10	00	9	00	0	0	0	–	12.3	+0.5	22.3	34	-3	17	-4	31	0	dr	—	158
Western Desert	SIWA	00	8	24	2	0	0	–	15.4	35.3	41	00	7	00	0	0	0	–	14.4	-0.6	21.8	36	+5	12	-1	39	0	5	8	148
	BAHARIYA	00	9	00	0	0	0	–	15.5	27.0	26	00	9	00	0	0	0	–			19.0	29	—	10	—	64	0	7	—	149
	KHARGA	00	9	02	3	0	0	–	13.4	32.1	14	00	9	00	0	0	0	–	14.2	+1.7	24.0	33	-2	13	-4	24	0	4	—	151
	DAKHLA	00	9	32	2	0	0	–	14.7	31.5	30	00	8	04	1	0	0	–	15.5	+2.3	18.5	32	-3	13	-3	55	0	tr	—	152
Red Sea	TOR	00	7	28	1	0	0	–	13.1	25.5	69	00	7	28	2	0	0	–	11.2	-0.5	21.9	27	-2	19	+1	81	0	3	13	145
	HURGHADA	00	9	32	3	0	0	–	13.9	26.0	42	00	9	02	1	0	0	–	13.6	+1.7	25.0	28	-2	19	+2	34	0	6	—	146
	QUSEIR	00	8	32	2	0	0	–	14.6	24.0	57	00	8	30	3	0	0	–			22.6	25	-4	19	-2	54	0	20	—	147
	PORT SUDAN																										0	90	96	169
North Sudan	WADI HALFA	01	9	30	7	1	3	4,1	11	33	05																0	dr	—	165
	KAREIMA	00	8	32	4	0	0	–	8	38	03	00	6	04	3	0	0	–	11		27					04	0	tr	1	166
	ATBARA	00	8	02	3	1	0	–	4	40	08	00	7	32	4	0	0	–	7		28					10	0	tr	3	167
	KHARTUM																										0	tr	5	168
	KASSALA	00	8	28	1	1	0	–	0	44	08	00	8	22	2	0	0	–	4		33					26	0	18	11	170
Central Sudan	WAD MEDANI	00	8	02	3	1	3	1	2	42	25	00	8	32	5	0	0	–	6		30					05	0	8	14	171
	DUEIM																										0	4	15	173
	RENK	00	9	30	3	0	0	–	2	41	28	00	9	28	3	0	0	–	5		30	—		—		09	—	—	55	182
	ROSEIRES	00	7	14	2	0	0	–				00	7	26	2	3	0	–	6		32					15	0	3	50	172
	EL OBEID	00	8	02	4	0	0	–	4	37	07	00	8	32	4	0	0	–	7		28						0	6	18	174
	EL FASHER	00	8	02	3	0	0	–	—			00	8	32	3	0	0	–	—		29					05	0	5	6	175
	GENEINA	00	8	04	4	0	0	–	—	33		00	8	02	3	0	0	–	—		26					06	—	—	7	179
	KADUGLI	00	8	32	4	0	1	1	4	40	28	00	8	04	4	0	3	1	7		32					06	—	—	103	187
S. Sudan	MALAKAL	00	8	18	3	0	2	8	3	39	21	01	8	32	5	1	4	8,4	6		33					13	0	52	117	176
	WAU	01	7	04	1	1	4	8	5	32		00	8	22	3	0	0	–	8		27					55	0	193	222	177
	JUBA											01	8	20	2	1	4	8,4	10		28					66	0	216	280	178

UPPER WINDS ON 25 ٢٥ الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	8 h. 30 m.	h m	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	6 h. m.
				02 15 05		02 32 20	02 01 15	10 22 48	10 03 50	10 04 50	10 02 10	10 02 45	10 02 65	10 19 20
				05 30 10		05 35 25	05 01 45	15 02 20	15 35 15	15 05 30	15 03 10	15 03 45	15 04 75	15 09 20
				08 23 15		10 35 30	10 02 35	20 01	20 29 15	20 06 50	20 05 15	20 03 30	20 03 60	20 09 25
				10 24 20		15 35 35	15 02 35	30 29 20	30 26 20	40 08 05		40 02 45		30 10 25
				15 30 25		20 01 58	20 01 40	40 27 30	40 26 30			50 31 10		40 09 20
				20 31 20		25 02 65		50 28 45	50 24 25			60 31 10		50 08 35
				23 33 20								70 27 20		
				25 32 20										
				28 32 30										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 24	Diff. from normal	Wet Bulb Temp °C on 24	Diff. from normal
Alexandria	49	-19	15.4	-0.9
Ezbekiya	26	-26	15.2	-1.2
Giza	43	-11	15.5	-0.6
Helwan	14	-26	13.9	-0.5

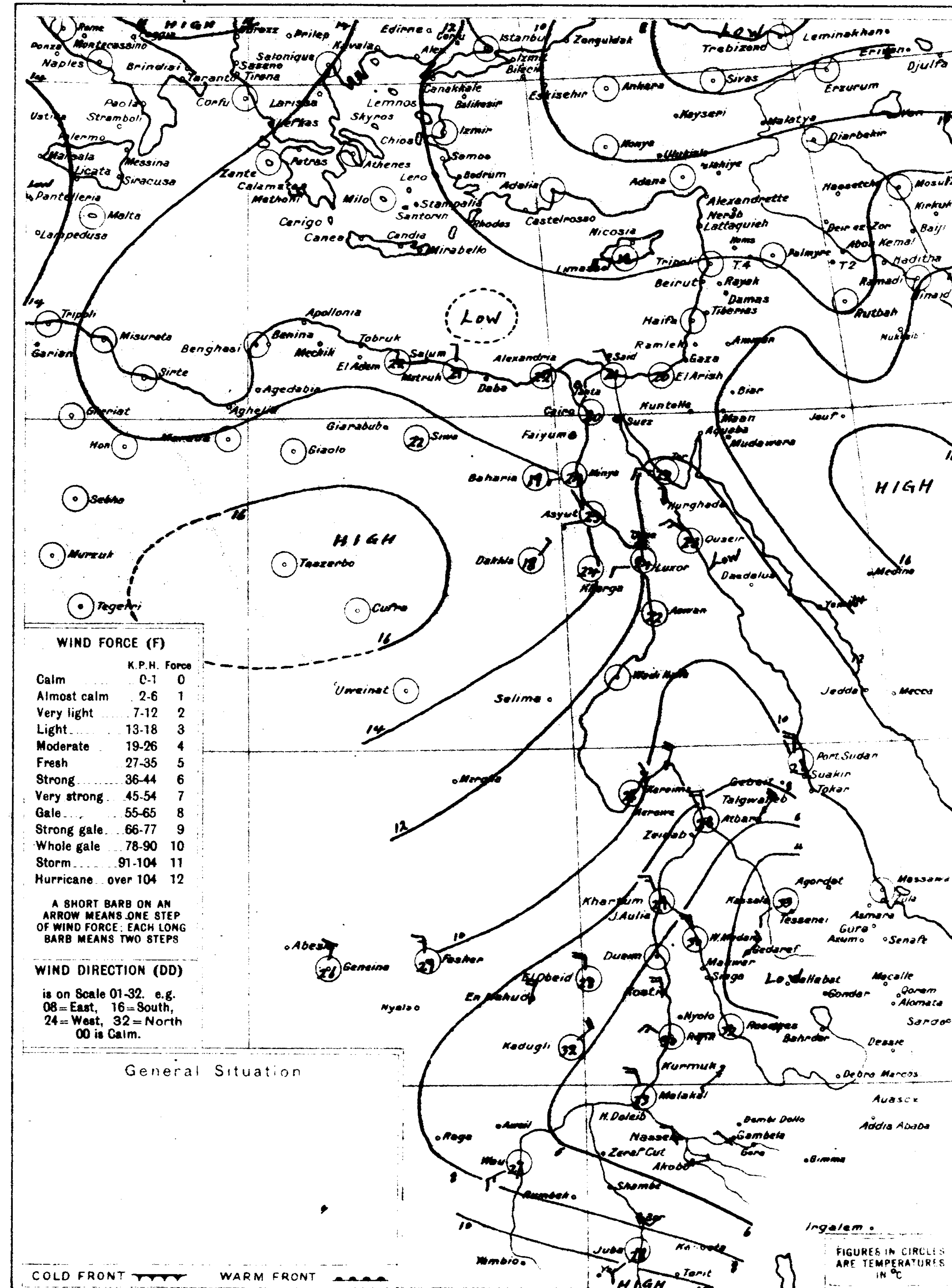
Giza Grass minimum on 25 8.5 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
25-4	926	984
24-4	926	984

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba					
Nasser				5.05	-0.39
Malakal		9.59	-0.49	9.50	-0.59
Roseires		11.22	-0.10	11.24	-0.07
Sennar Res.				15.62	
J. Aulia U.S					
J. Aulia D.S					
Khartum				9.93	-0.25
Kh. el Girba					
Atbara				10.28	+0.31
Kajnarti				132.23	+0.37
Aswan Res.		119.76		119.81	
Aswan D.S.		85.18	-0.42	85.18	-0.41
Roda (Cairo)		16.06	+0.58	16.02	+0.53

١٩٤٥/٤/٢٥ Isobars, Wind and Temperature at 8 h. 25.4.1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 25 الساعة ٨ يوم ٢٥

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	0	–	13.4		23.0	33		11		31	0	16	—
Limassol	09	6	24	4	4	0	–	11.1	-1.7	18						0	633	442

SHIPS سفن

Remarks

Water Temp. R. Nile Cairo 20.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise 05 16
Sunset 18 29

Month April 1945

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C

DAILY WEATHER REPORT

At 8 h. on 25th — At 8 h. on Thursday 26th

Station	25th ww	V	DD	F	W	N	C	Bar press.	Temp.	Humidity	26th ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs	Diff. from normal	Dry bulb °C	Max. yesterday	Diff.	Min. today	Diff.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct	Station number
MEDITERRANEAN																													
SALUM											02	8	04	3	1	5	8	17.0		19.0	28		8		84	0	—		130
MATRUH	00	9	32	2	0	2	5	12.2	20.3	76	01	9	04	2	1	4	1	16.8	+2.4	18.6	27	+4	16	+2	64	0	103	158	131
DIKHEILA																													150
ALEXANDRIA	00	9	02	4	0	0	—	11.8	21.0	80	00	9	04	2	0	0	—	16.2	+2.0	19.0	27	+3	16	0	63	0	254	183	132
DAMIETTA	00	8	28	3	0	0	—	12.2	23.5		00	8	28	3	0	0	—	15.0	—	19.0	26	—	14		54	0	100	103	159
PORT SAID	00	8	04	2	0	1	1	11.9	23.0	62	00	8	28	3	0	1	1	13.8	+0.8	19.1	25	+1	17	+1	64	0	83	77	134
EL ARISH	00	9	30	2	0	0	—	10.8	20.3	59	00	9	20	1	0	0	—	12.6	−1.2	20.3	23	−2	10	−3	62	0	248	91	135
LOWER EGYPT																													
DAMANHUR	00	6	28	3	0	0	—	11.4	31.8	50	00	7	28	4	0	0	—	15.6	+1.5	19.6	33	+5	13	0	45	0	128	98	136
MANSURA	01	8	24	2	1	3	8	11.4	33.0	19	01	7	30	2	1	3	6	15.2	—	19.2	34	+5	14	+1	51	0	61	52	137
TANTA	00	8	24	2	0	0	—	10.8	33.0	24	00	8	28	2	0	0	—	15.9	+1.6	19.0	34	+4	12	−1	63	0	58	40	138
ZAGAZIG	00	7	28	2	0	0	—	11.8	32.2	26	00	7	28	2	0	2	—	15.5	+1.2	20.2	34	+4	12	−1	66	0	46	26	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	00	8	22	2	0	1	4	12.4	34.1	26	00	7	02	2	0	1	1	16.2	—	17.8	36	—	15	—	77	0	52	—	141
EZBEKIYA	00	8	24	2	0	3	4	11.0	34.4	17	05	5	02	2	0	3	1	16.3	+2.4	18.6	35	+5	15	0	70	0	46	24	—
GIZA	01	8	28	1	1	3	4	11.1	37.0	12	05	6	28	1	1	3	3	16.2	+2.3	18.0	38	+8	14	+2	72	0	46	24	—
HELWAN	00	8	18	1	0	0	—	10.6	34.0	13	00	6	32	4	0	2	1	15.6	+2.0	17.9	35	+5	16	+1	64	0	54	27	143
SUEZ											00	9	02	1	0	0	—	15.4	+1.8	20.2	34	+5	12	−5	64	0	37	16	144
UPPER EGYPT																													
FAIYUM	01	8	22	1	1	3	4	11.4	34.4	15	00	8	02	3	1	2	4	15.8	+2.1	19.8	36	+5	16	+2	56	0	75	8	153
MINYA	00	9	28	2	0	0	—	12.0	35.3		00	9	32	4	0	0	—	14.4	+1.3	22.3	36	+4	16	+1	49	0	1	—	154
ASYUT	00	8	30	1	0	0	—	11.6	33.0	12	00	6	20	1	0	0	—	13.1	+0.1	23.7	34	+1	16	0	23	0	14	4	155
QENA	00	9	26	2	0	0	—	9.8	36.3	11	05	7	26	2	0	0	—	12.0	+0.4	27.6	38	+2	18	0	26	0	20	—	156
LUXOR	00	7	30	4	0	0	—	10.7	36.0	10	00	7	24	1	0	0	—	13.1	—	25.8	37	—	16	—	27	0	tr	—	157
ASWAN	01	9	32	3	1	3	4	9.6	33.0	08	00	9	00	0	0	0	—	12.6	+0.9	24.0	36	−1	19	−2	33		dr	—	158
WESTERN DESERT																													
SIWA	00	8	24	4	0	0	—	13.4	37.5	46	00	7	00	0	0	0	—	16.8	+1.9	20.5	38	+7	14	+1	67	0	5	8	148
BAHARIYA	00	9	32	1	0	0	—	13.2		29	00	9	32	1	0	0	—	17.6	+2.3	19.0		—	12	—	54	0	7	—	149
KHARGA	00	9	32	3	0	0	—	11.8	33.9	14	00	9	00	0	0	0	—	13.0	+0.5	24.8	35	0	17	−1	33	0	4	—	151
DAKHLA	00	9	04	2	0	0	—	12.6	33.5	28	00	8	00	0	0	0	—	14.2	+1.0	20.0	35	0	15	−1	54	0	tr	—	152
RED SEA																													
TOR	00	6	28	2	0	0	—	9.6	28.4	64	00	7	26	1	0	0	—	11.2	−0.4	24.3	29	0	17	−1	76	0	3	13	145
HURGHADA	00	9	02	1	0	0	—	12.3	30.0	30	00	9	24	1	0	0	—	12.4?	+0.6	27.0	32	+2	19	+2	49	0	8	—	146
QUSEIR	00	8	32	3	0	0	—		24.7	55	00	8	32	2	0	0				22.8	35	−4	19	−2	46	0	20	—	147
PORT SUDAN																										0	90	96	169
NORTH SUDAN																													
WADI HALFA	00	9	30	4	0	1	—	9	35	04	00	9	32	2	0	1	4,1	12		24					17	0	dr	—	165
KAREIMA	00	8	32	4	0	0	—	6	37	02	00	8	06	2	0	0	—	9		27					12	0	tr	1	166
ATBARA	00	8	04	4	0	0	—	3	39	07	00	8	32	3	0	0	—	7		27					11	0	tr	3	167
KHARTUM																										0	tr	5	168
KASSALA	00	8	02	3	0	0	—	5	31	10	00	8	08	1	0	0	—	3		35					27	0	18	11	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	02	3	0	0	—	1	44	06	00	9	02	4	0	3	3	5		29					08	0	8	14	171
DUEIM																										0	4	15	173
RENK											00	9	28	3	0	0	—	8?		31					31	—	—	55	182
ROSEIRES	00	7	18	2	0	0	—	1	42	17	00	7	28	2	1	0	—	6		33					14	0	3	51	172
EL OBEID	00	9	02	3	0	0	—	3	38	06	00	9	32	4	0	2	4	7		28					10	0	6	18	174
EL FASHER	00	8	30	4	0	0	—	4	38	09	01	8	32	1	0	4	1	—		21					17	0	5	0	175
GENEINA	00	8	32	4	0	0	—		37	04	00	8	04	2	0	0	—	—		26						—	—	7	179
KADUGLI											01	8	08	2	1	4	1	7		34					56	—	—	104	187
S. SUDAN																													
MALAKAL	00	8	20	3	1	3	4	1	41	10	00	7	22	3	1	3	1	9		29					48	0	52	118	176
WAU	01	8	04	1	0	4	4	3	39	11	02	8	18	1	1	6	4,2	9		28					58	0	193	224	177
JUBA	02	8	00	0	1	6	8,4	6	34	47	01	9	16	2	1	4	4,1	11		26					74	11	227	285	178

UPPER WINDS ON 26th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Salum	Matruh	Dikheila	Port Said	Helwan 8 h. 30 m.	Minya	Asyut 7 h.	Aswan 7 h.	Wadi Halfa 7 h.	Kareima 7 h.	Khartum 7 h.	Kassala 7 h.	El Obeid 7 h.	Malakal 7 h.	Juba 7 h.
				02 36 15		02 30 20	02 03 05	10 05 65	10 04 45	10 03 10	10 10 15	10 01 40	10 25 30	10 18 30
				05 01 30		05 30 15	05 01 30	15 04 40	15 01 30	15 03 20	15 12 35	15 36 45	15 26 20	15 17 30
				08 35 35		10 29 25	10 01 45	20 04 40	20 27 15	20 01 10	20 14 25	20 01 65	20 30 20	20 15 20
				10 33 35		15 29 30	15 36 50	30 34 20	30 24 30	40 21 10	30 13 15	30 33 20	30 36 20	30 14 20
				15 31 55		20 30 35	20 36 40	40 29 18	40 24 40	50 15 15	40 17 20	40 12 05	40 04 15	40 11 30
				20 29 65		25 30 45		50 25 45	50 24 20					50 14 20
						30 30 55		60 25 65	60 23 20					60 12 25

Forecast for 24 hours from noon on

تغيرات الطقس ...

Station	Mean of day: Humidity % on 25th	Diff. from normal	Wet bulb temp. °C on 25th	Diff. from normal
Alexandria	61	−7	16.9	+0.5
Ezbekiya	44	−8	18.0	+1.5
Giza	54	0	16.9	+0.7
Helwan	24	−15	15.6	+1.1

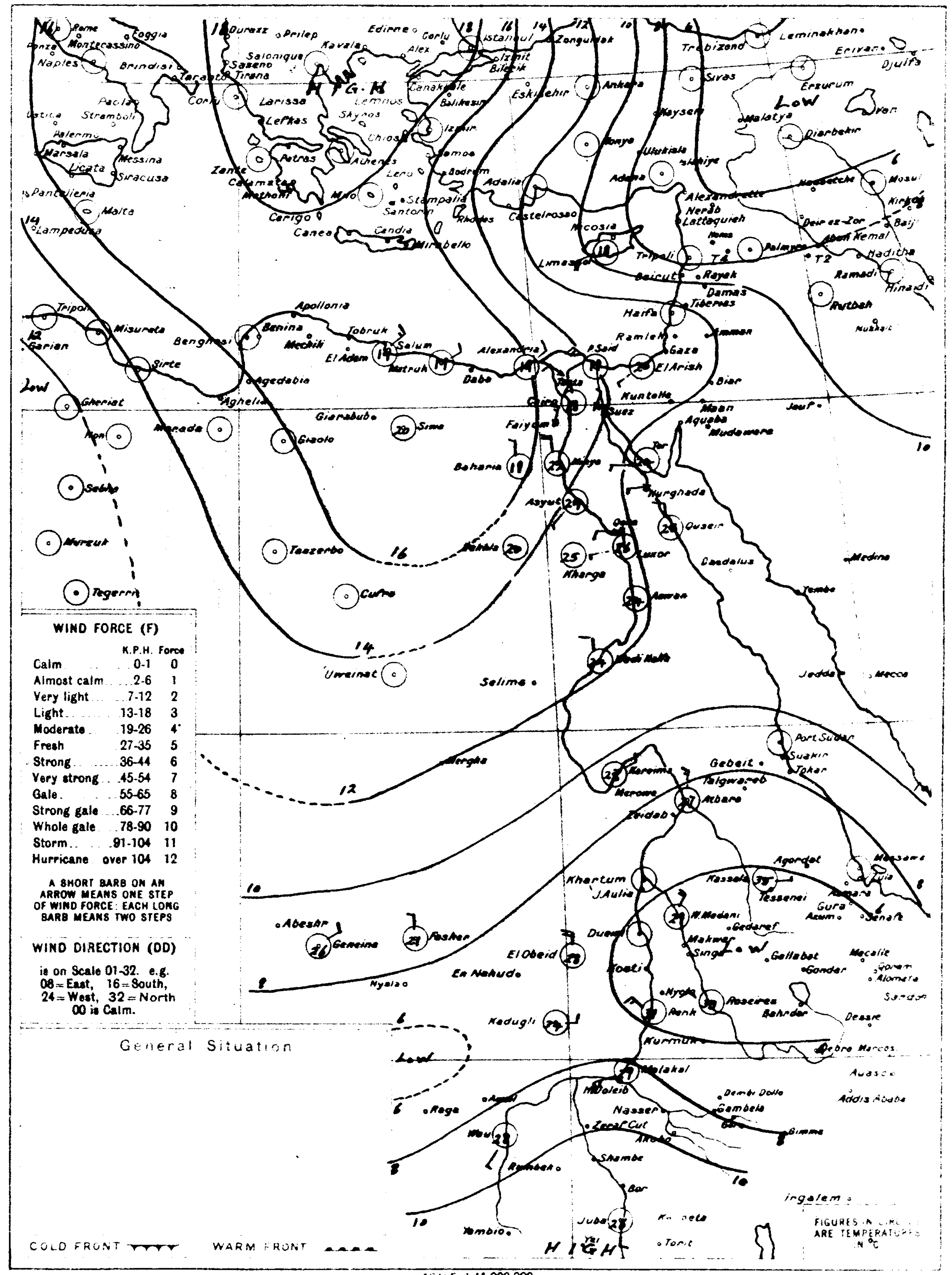
Giza Grass: 26th 12.8 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1945	1944
26-4	926	984
25-4	926	984

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	26.4.1945			12.04	−1.35
Nasser				5.05	−0.40
Malakal				9.59	−0.49
Roseires		11.20	−0.13	11.22	−0.10
Sennar Res.				15.59	
J. Aulia U.S.				371.07	
J. Aulia D.S.				371.02	+0.16
Khartum				9.89	−0.30
Kh. el Girba					
Atbara				10.22	+0.35
Kajnarti				132.26	+0.39
Aswan Res.		119.73		119.76	
Aswan D.S.		85.18	−0.42	85.18	−0.42
Roda (Cairo)		16.06	+0.58	16.06	+0.58

Isobars, Wind and Temperature at 8 h. 26. 4. 1945



PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	[illegible]
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

At 8 h. on 26th

Station	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs	Diff. from normal	Dry bulb	Max. yesterday	Diff.	Min. today	Diff.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct
N. Hamadi	00	8	00	0	0	0	—	14.4	—	26.0	35	—	14	—	36	0	16	—
Limassol	00	7	22	4	0	1	—	8.8	−4.0	18	—	—	—	—	—	0	633	442

SHIPS

Remarks

Water Temp. R. Nile Cairo 22.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. (938/38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise h 05 m 15
Sunset h 18 m 30

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month APRIL 1945 ١٩٤٥ شهر ابريل

At 14 h. on 26th — ٢٦ الساعة ١٤ يوم | At 8 h. on Friday 27th — الجمعة ٢٧ الساعة ٨

Station	ww	V	Wind Dir	Force	W	N	C	Bar. press.	Temp.	Humidity
SALUM	00	9	32	4	0	0	—	12.6	24.9	70
MATRUH	00	9	02	1	0	0	—	18.0	20.0	64
DIKHEILA										
ALEXANDRIA	00	9	02	4	0	0	—	17.4	21.0	51
DAMIETTA	00	8	28	4	0	0	—	15.5	19.9	55
PORT SAID	14	8	30	4	3	0	—	15.1	21.7	51
EL ARISH	00	9	30	1	0	0	—	15.0	21.3	62
DAMANHUR	00	7	28	5	0	0	—	—	26.2	42
MANSURA	00	8	02	2	1	0	—	15.8	23.8	32
TANTA	00	8	28	3	0	0	—	15.5	26.0	36
ZAGAZIG	00	7	24	2	0	0	—	15.9	25.2	35
[illegible]	00	8	31	3	0	0	—	15.9	25.6	40
[illegible]	00	8	26	2	0	0	—	15.1	25.8	32
GIZA	00	8	28	2	0	0	—	15.1	25.8	27
HELWAN	00	8	29	2	0	0	—	14.7	25.2	24
SUEZ	00	9	02	1	0	0	—	14.8	25.7	58
FAYUM	00	8	32	4	0	0	—	14.4	27.0	20
MINYA	00	9	32	4	0	0	—	14.8	29.5	26
ASYUT	00	8	30	3	0	0	—	13.2	30.8	14
QENA	00	9	26	3	0	0	—	11.1	37.0	10
LUXOR	00	7	28	4	0	0	—	11.0	36.4	—
ASWAN	00	9	32	4	0	0	—	9.4	36.5	11
SIWA	00	8	12	2	0	0	—	16.7	31.5	—?
BAHARIYA	00	9	00	0	0	0	—	15.0	29.0	33?
KHARGA	00	9	32	4	0	0	—	12.0	35.4	24
DAKHLA	00	9	28	2	0	0	—	13.2	34.0	27
TOR	00	6	18	2	0	0	—	11.5	26.5	77
HURGHADA	00	9	30	5	0	0	—	12.3	26.0	42
QUSEIR	00	8	32	2	0	0	—	12.6	25.4	45
PORT SUDAN										
WADI HALFA	01	7	30	6	0	3	4,2	9	37	06
KAREIMA	00	8	02	4	0	0	—	5	39	04
ATBARA	00	8	32	3	0	0	—	2	39	10
KHARTUM										
KASSALA	01	8	04	2	1	4	8,1	98	44	11
WAD MEDANI	00	8	31	3	0	3	4	99	43	05
DUEIM										
RENK										
ROSEIRES	00	7	22	2	0	0	—	2	41	13
EL OBEID	00	9	06	2	0	1	8	3	37	04
EL FASHER	00	9	32	5	0	2	1	—	37	10
GENEINA	00	8	04	1	0	0	—	—	37	—
KADUGLI	01	8	08	3	1	4	2	4	40	08
MALAKAL	02	8	14	5	1	5	8,1	4	37	31
WAU	02	8	16	1	1	6	8,2	5	37	27
JUBA	02	8	16	1	1	6	8,4	8	33	44

Station	Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	Humidity %	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
SALUM																			130
MATRUH	00	9	01	1	0	0	—	18.3	+4.0	19.0	21	-2	12	-2	63	0	103	158	131
DIKHEILA																			150
ALEXANDRIA	00	9	04	2	0	0	—	18.4	+4.2	18.0	22	-2	15	-1	63	0	254	183	132
DAMIETTA	01	8	04	1	1	4	8	17.4	—	18.2	20		10		64	0	100	103	159
PORT SAID	02	8	04	2	2	5	4	17.4	+4.4	17.6	23	-2	14	-2	62	0	83	77	134
EL ARISH	01	9	20	1	1	3	8	—	—	19.4	23	-2	10	-3	63	0	248	91	135
DAMANHUR	00	6	28	3	0	0	—	17.6	+3.6	17.0	26	-2	10	-3	64	0	128	98	136
MANSURA	00	8	02	1	0	0	—	18.0	—	17.5	25	-4	10	-3	61	0	61	52	137
TANTA	00	8	00	0	0	0	—	19.0	+4.8	15.0	26	-4	7	-6	68	0	58	40	138
ZAGAZIG	00	7	28	2	0	0	—	17.6	+3.3	17.6	26	-4	10	-3	63	0	46	26	139
[illegible]	00	7	06	2	0	3	5	18.0	—	18.7	26		11		33	0	52		141
[illegible]	05	6	32	1	0	3	8	17.9	+4.0	17.6	27	-3	12	-3	65	0	46	24	
GIZA	05	5	02	2	0	0	—	17.9	+4.0	15.9	27	-3	8	-4	70	0	46	24	
HELWAN	00	7	02	2	0	0	—	17.4	+3.8	16.1	26	-4	11	-4	62	0	54	27	143
SUEZ	00	9	02	1	0	0	—	17.6	+4.1	17.8	28	-2	12	-5	69	0	37	16	144
FAYUM	00	8	32	3	0	0	—	17.6	+3.9	16.2	28	-3	11	-3	65	0	75	8	153
MINYA	00	9	32	2	0	0	—	17.1	+4.1	17.5	31	-1	13	-2	57	0	1		154
ASYUT	00	8	28	1	0	0	—	16.2	+3.3	18.0	32	-1	12	-4	46	0	14	4	155
QENA	05	7	12	1	0	0	—	13.6	+2.0	27.2	38	+1	15	-3	22	0	20		156
LUXOR	00	7	28	2	0	0	—	14.8	—	25.3	38		21		25	0	tr		157
ASWAN	00	9	32	3	0	0	—	13.2	+1.5	24.4	38	+1	20	-1	22	0	dr		158
SIWA	00	7	08	2	0	0	—	17.9	+3.0	19.5?	33	+2	15	+2	59	0	5	8	118
BAHARIYA	00	9	00	0	0	0	—	17.0	+2.8	15.0	30		10?		59	0	7		149
KHARGA	00	9	32	3	0	0	—	15.4	+3.0	21.7	36	0	18	0	35	0	4		151
DAKHLA	00	8	08	1	0	0	—	16.3	+3.2	22.0	35	-1	17	+1	47	0	tr		152
TOR	00	6	28	2	0	0	—	13.5	+1.9	20.7	27	-2	17	-1	66	0	3	13	145
HURGHADA	00	9	32	6	0	0	—	14.8?	+3.0	20	—	—	17	0	55	0	8		146
QUSEIR	00	8	28	3	0	0	—	14.4	+2.9	22.2	26	-3	18	-3	53	0	20		147
PORT SUDAN																0	90	96	169
WADI HALFA	00	8	31	4	0	0	—	13		36					07	0	dr		165
KAREIMA	00	7	04	4	0	0	—	9		28					14	0	tr	1	166
ATBARA	07?	7?	02	3	0	0	—	6		31					12	0	tr	3	167
KHARTUM																0	tr	5	168
KASSALA	01	8	20	2	1	4	4	4		34					27	0	18	11	170
WAD MEDANI	00	8	08	2	0	3	3	6		31					09	0	8	14	171
DUEIM																0	4	15	173
RENK	00	9	16	3	0	0	—	7		32					34	0		56	182
ROSEIRES	00	7	18	2	0	0	—	7		33					32	0	3	51	172
EL OBEID	00	9	32	2	1	3	4	7		28					10	0	6	18	174
EL FASHER	01	8	30	2	1	4	1	—		23					20	0	5	6	175
GENEINA	01	8	02	3	1	3	1	—		26					—	0		7	179
KADUGLI	00	8	08	3	0	3	1	8		31					38	0		105	187
MALAKAL	01	8	14	3	1	3	4	9		29					52	0	52	119	176
WAU	02	8	18	1	1	8	2	8		28					45	0	193	226	177
JUBA	01	8	20	3	1	4	4	12		26					62	0	227	290	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 27th ٢٧

SALUM, MATRUH, DIKHEILA, PORT SAID, HELWAN, MINYA, ASYUT, ASWAN, KAREIMA: no entries.

WADI HALFA 7 h.	KHARTUM (Geneina) 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA 7 h.
10 03 70	10 05 40	10 09 40	10 03 55	10 18 30	10 16 20
15 01 50	15 08 55	15 10 35	15 01 35	15 18 15	15 09 30
20 36 25	20 12 35		20 01 10	20 31 10	20 12 35
30 35 30	30 14 15		30 34 10	30 02 30	30 08 20
40 34 35	40 13 05		40 05 10	40 04 45	40 07 15
45 30 30	45 05 05		45 10 20	45 06 45	
50 29 20			50 13 30	50 10 40	
60 27 35			60 19 25		
70 27 45			70 22 15		
			80 29 40		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Mean of day

Station	Humidity % on 26th	Diff. from normal	Wet bulb temp °C on 26th	Diff. from normal
Alexandria	60	-9	14.4	-2.0
Ezbekiya	57	+5	15.1	-1.5
Giza	60	+6	14.4	-1.9
Helwan	49	+10	13.9	-0.7

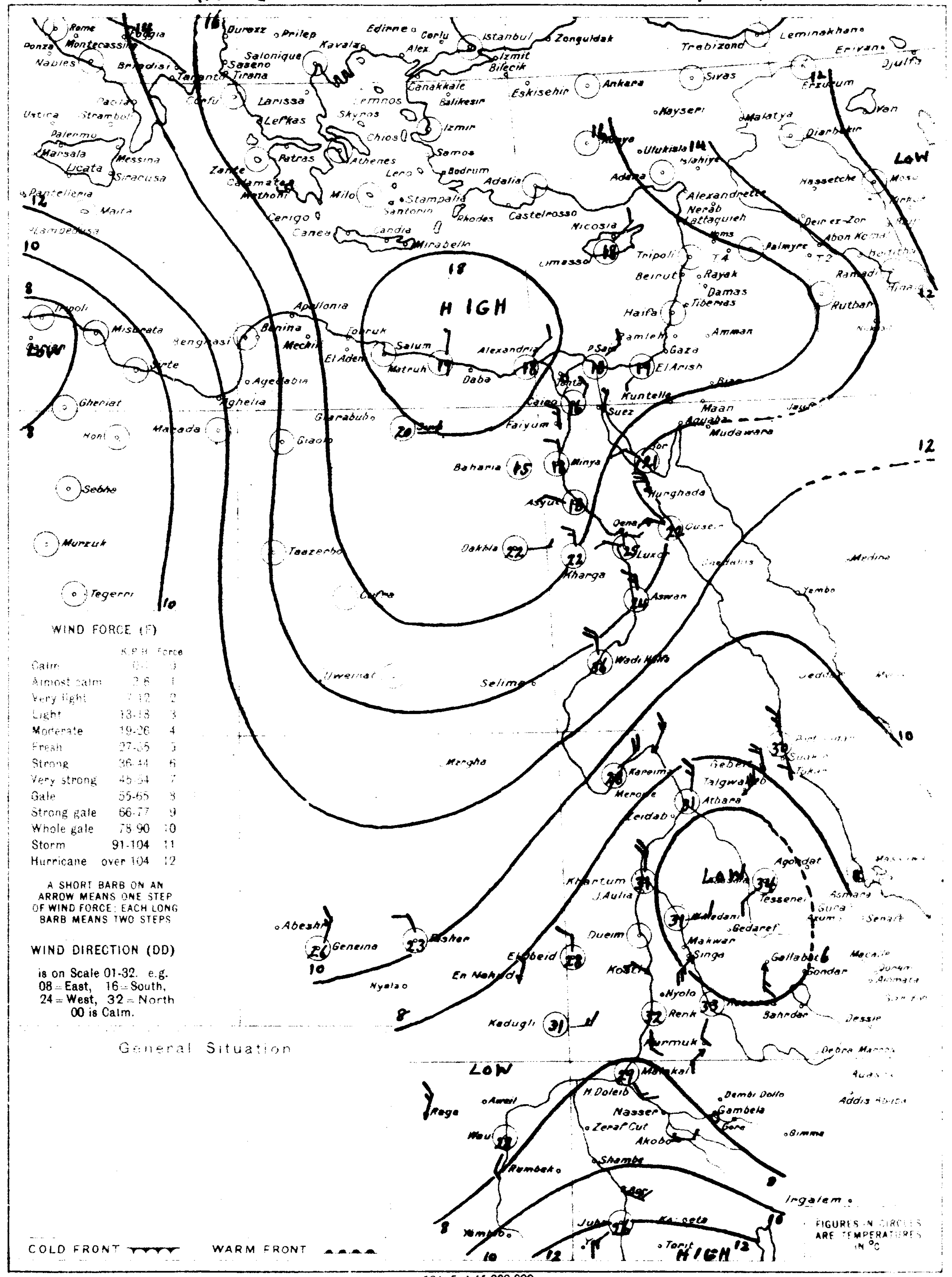
Giza Grass minimum on 27th 5.3 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
27-4	926	984
26-4	926	984

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	4 / 27	12.50	-0.91	12.60	-0.80
Nasser		5.10	-0.40	5.06	-0.42
Malakal		9.50	-0.57	9.50	-0.58
Roseires		11.18	-0.17	11.20	-0.13
Sennar Res		15.56	—	15.56	—
J. Aulia U.S				370.99	—
J. Aulia D.S				370.95	+0.08
Khartum		9.84	-0.39	9.84	-0.37
Kh. el Girba					
Atbara		10.07	+0.09	10.12	+0.14
Kajnarti		132.32	+0.45	132.30	+0.43
Aswan Res.		119.66	—	119.73	—
Aswan D.S.		85.20	-0.41	85.18	-0.42
Roda (Cairo)		16.09	+0.61	16.06	+0.58

١٩٤٥-٤-٢٧ Isobars, Wind and Temperature at 8 h. 27-4-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 27th — الساعة ٨ يوم ٢٧

Station محطة	Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff. from norm °C	Min. Today °C	Diff. from norm °C	Humidity %	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Nag Hamadi	00	8	00	0	0	0	—	15.0	—	21.2	36	—	12	—	41	0	16	
Limassol	00	9	04	2	0	0	—	16.0	+3.2	18	—	—	—	—	—	0	633	443
SHIPS سفن																		

Remarks

Water Tempt.
River Nile Cairo
21.9 C°

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03

PAST WEATHER (W)

Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 05 h 14 m
Sunset 18 h 31 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month April 1945 ١٩٤٥ شهر ابريل

At 18 h. on 27th ١٨ ساعة يوم — At 8 h. on Saturday 28th ٨ الساعة

Station	18 h ww	V	DD	F	W	N	C	PPP	TTT	UU	8 h ww	V	DD	F	W	N	C	Bar. M.S.L. 1000+ mbs	Diff. from normal	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity	Rain past 24 hrs	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station Number
MEDITERRANEAN																													
SALUM	00	9	04	5	0	0	–	17.6	19.8	85	00	8	06	3	0	0	–	15.0	–	17.9	21		9		73	0	–		130
MATRUH	00	9	06	3	0	0	–	18.8	20.0	13	02	9	10	3	1	5	4	16.6	+2.3	18.1	21	-3	13	-1	77	0	103	158	131
DIKHEILA																													150
ALEXANDRIA	00	9	04	2	0	0	–	18.2	19.8	51	01	9	12	2	2	4	2	17.4	+3.3	17.3	22	-3	14	-2	66	0	254	183	132
DAMIETTA	00	8	28	2	1	0	–	17.2	18.9	59	01	7	10	3	1	4	4	17.2	–	19.3	20		15		63	0	100	103	159
PORT SAID	00	8	02	2	0	0	–	17.4	20.7	53	01	8	04	3	1	4	3	16.8	+3.8	18.3	21	-4	16	0	67	0	83	77	134
EL ARISH	00	9	30	1	0	0	–		21.2	63	01	9	20	1	1	3	8	15.8	+1.1	19.3	23	-2	10	-4	45	0	248	91	135
LOWER EGYPT																													
DAMANHUR	00	7	28	3	0	0	–	17.6	22.4	41	02	6	08	3	2	5	1	16.7	+2.7	18.0	24	-4	11	-2	64	0	128	98	136
MANSURA	00	8	30	2	0	0	–	17.0	24.0	33	01	7	02	2	1	4	8	17.0	–	19.0	26	-3	13	-1	64	0	61	52	137
TANTA	00	8	00	0	0	0	–	16.2	26.0	35	01	8	04	2	1	3	4	16.4	+2.2	18.2	27	-3	8	-5	67	0	58	40	138
ZAGAZIG	00	7	02	2	0	0	–	15.9	23.2	21	00	7	04	2	0	0	–	17.0	+2.7	17.8	26	-4	10	-3	68	0	46	26	139
MIDDLE EGYPT																													
[illegible]	00	8	04	2	0	0	–	17.6	25.0	48	00	7	07	5	0	1	1	17.1	–	18.2	26		14		65	0	52		141
[illegible]	00	8	02	2	0	0	–	16.0	25.4	36	05	6	02	3	0	0	–	16.2	+2.4	19.0	27	-3	12	-3	58	0	46	24	
EL GIZA	00	8	02	2	0	0	–	16.0	25.0	31	00	6	04	4	0	0	–	15.9	+2.1	18.2	26	-4	10	-2	59	0	46	24	
HELWAN	00	8	30	3	0	0	–	15.6	25.4	20	00	8	04	4	0	0	–	15.4	+1.9	17.9	26	-4	13	-2	50	0	54	27	143
SUEZ	00	9	02	1	0	0	–		27.3	43	00	9	32	1	0	0	–	16.4	+2.9	17.8	28	-2	13	-4	63	0	37	16	144
UPPER EGYPT																													
FAYUM	00	8	02	3	0	0	–	15.9	25.5	25	00	8	02	2	0	0	–	15.6	+2.0	17.3	27	-4	12	-2	59	0	75	8	153
MINYA	00	9	32	4	0	0	–	15.9	27.0	25	00	9	32	3	0	0	–	15.1	+2.1	17.0	29	-3	13	-2	64	0	1		154
ASYUT	00	8	30	2	0	0	–	13.8	29.1	09	00	7	28	1	0	0	–	14.4	+1.5	19.9	30	-3	13	-3	48	0	14	4	155
QENA	00	9	26	2	0	0	–	10.2	35.6	10	05	7	26	2	0	0	–	12.6	+1.1	22.2	38	+1	16	-2	30	0	20		156
LUXOR	00	7	00	0	0	0	–	9.8	34.7		00	7	24	2	0	0	–	12.7	–	25.0	35		18		26		tr		157
ASWAN	00	9	32	4	0	0	–	9.4	35.4	06	00	9	32	1	0	0	–	11.5	-0.1	23.0	36	-1	19	-2	31	0	tr	–	158
WESTERN DESERT																													
SIWA	00	8	08	3	0	0	–	16.4	30.0	59	00	7	08	3	0	0	–	15.4	+0.6	18.8	32	0	15	+1	64	0	5	8	148
BAHARIA	00	9	32	1	0	0	–	16.2			00	9	00	0	0	0	–	16.0	+1.8	15.5	29				59	0	7		149
KHARGA	00	9	32	4	0	0	–	13.4	31.3	17	00	9	04	2	0	0	–	13.4	+1.1	23.0	32	-4	18	0	37	0	4	–	151
DAKHLA	00	9	28	2	0	0	–	14.4	32.0	28	00	8	16	1	0	0	–	14.2	+1.2	23.5	33	-3	16	0	44	0	tr		152
RED SEA																													
TOR	00	6	28	2	0	0	–	11.9	23.9	75	00	7	32	1	0	0	–	14.4	+2.9	20.3			16	-2	71	0	3	13	145
HURGHADA	00	9	30	5	0	0	–	12.3	26.0	42	00	9	23	4	0	0	–	14.2	+2.4	22.0	28	-2	13	-5	32	0	8	–	146
QUSEIR	00	8	32	2	0	0	–	13.1	23.3	51	00	8	32	3	0	0	–	11.4	0.0	22.7	26	-3	14	-2	56	0	20	–	147
PORT SUDAN																										0	90	96	169
NORTH SUDAN																													
WADI HALFA	00	7	30	5	0	1	4	9	34	07	00	9	31	3	0	0	–	12		22					20	0	tr		165
KAREIMA	00	8	04	3	0	0	–	6	37	07	00	8	04	4	0	1	1	9		27					10	0	tr	1	166
ATBARA	00	8	28	3	0	0	–	3	39	06	00	8	32	3	0	0	–	7		27					17	0	tr	3	167
KHARTUM																										0	tr	5	168
KASSALA	01	8	14	1	1	4	4,3	0	42	16	01	5	04	2	1	4	4	3		33					20	0	18	11	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	02	3	0	2	5	0	45	07	00	8	02	5	0	0	–	4		32					09	0	8	14	171
DUEIM																										0	4	15	173
RENK	00	8	28	3	0	0	–	2	41	10	00	9	32	3	0	0	–	5		33					07	–	–	56	182
ROSEIRES	00	7	20	2	0	0	–	3	41	18	00	7	12	2	0	0	–	4		32					17	0	3	52	172
EL OBEID	00	9	00	0	0	0	–	2	39	13	00	9	02	4	0	1	1	6		29					08	0	6	18	174
EL FASHER	02	8	02	2	1	5	2	–	38	11	00	8	02	1	0	0	–	–		24					17	0	5	6	175
GENEINA											00	7	02	3	0	0	–	–		26					06	–	–	7	179
KADUGLI	01	8	02	2	1	4	1	4	39	43	01	8	04	3	1	5	1	7?		31					11	–	–	106	187
S. SUDAN																													
MALAKAL	00	8	00	0	0	2	8	3	39	27	01	8	02	4	1	4	1	4		35					15	0	52	120	176
WAU	02	8	06	1	1	8	8,2	3	37	18	01	8	00	0	0	3	1	5		31					43	0	193	229	177
JUBA	01	8	22	3	1	4	8	6	34	41	01	8	20	2	0	5	4,5	7		27					70	0	227	295	178

UPPER WINDS ON 28th ٢٨ ابريل

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM (Fasher)	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	8 h. 15 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.
				02 07 25		02 36 15	02 02 20	10 03 40	10 04 45	10 02 25	10 06 30	10 03 65	10 05 05	10 15 15
				05 06 30		05 01 35	05 02 30	15 03 45	15 04 20	15 05 50	15 03 25	15 04 30	15 04 10	15 13 20
				08 05 20		10 33 28	10 04 35	20 05 40	20 32 05	20 09 10	20 03 35	20 03 35	20 05 15	20 09 10
				10 05 15		15 36 40	15 03 60	30 03 30	30 32 30	30 09 05		30 05 10	30 03 40	30 34 10
				15 34 25		20 36 55	20 07 30	40 30 10	40 28 35	40 13 10		40 10 10		40 35 15
						25 36 60		50 34 30	50 25 40	50 15 10		50 15 10		
									60 32 30					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 27th	Diff. from normal	Wet Bulb Temp. °C on 27th	Diff. from normal
Alexandria	61	-6	13.9	-2.6
Ezbekiya	57	+6	15.2	-1.5
Giza	59	+5	14.5	-1.9
Helwan	50	+11	13.6	-1.1

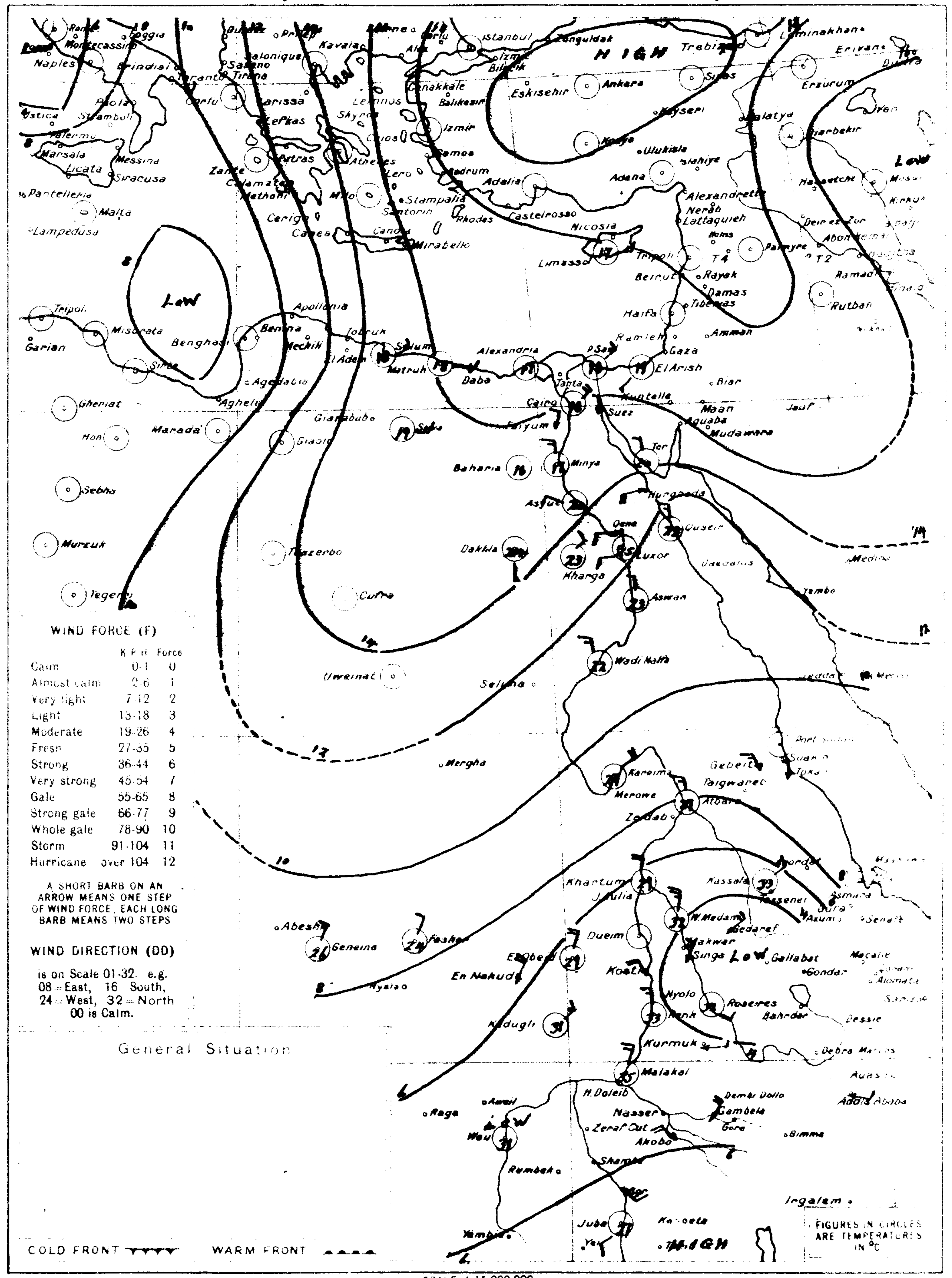
Giza Grass minimum on 28th 7.8 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
28-4	926	984
27-4	926	984

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba				12.50	-0.91
Nasser				5.8	-0.40
Malakal				9.80	-0.87
Roseires		11.16	-0.24	11.15	-0.17
Sennār Res.				15.56	
J. Aulia U.S					
J. Aulia D.S					
Khartūm				9.84	-0.39
Kh. el Girba					
Atbara				10.07	+0.09
Kajnarti				132.32	+0.45
Aswān Res.		119.66		119.66	
Aswān D.S.		85.20	-0.44	85.20	-0.48
Rōda (Cairo)		16.09	+0.64	16.09	+0.61

١٩٤٥/٤/٢٨ Isobars, Wind and Temperature at 8 h. 28.4.1945



SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs	Diff. from normal	Dry Bulb °C	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rain past 24 hrs	Total from Oct. 1	Normal from Oct. 1
At 8 h. on 28th ٨ الساعة ٢٨																		
N. Hamadi																		
Limassol	01	9	08	3	1	4	–	17.9	+5.1	17	–	–	–	–	–	0	633	444
SHIPS سفن																		

Remarks

Water Temp.
R. Nile Cairo
21.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear 00
Partly cloudy 01
Cloudy 02
Overcast 03
Low Fog 04
[illegible] haze 05
Dust devils 06
[illegible] 07
[illegible] Mist or Haze 08
[illegible] fog 09
Slight [illegible] 10
Squally
Slight duststorm
Heavy [illegible]
Duststorm 30-34
Fog or Thick Haze 40-49
Mist Fog
Drizzle
Showers
Thunderstorm
Heavy with hail 99

PAST WEATHER (W)

Clear, slight cloud 0
Variable sky 1
Mainly overcast 2
Sandstorm, Duststorm 3
Fog, thick dust haze 4
Drizzle 5
Rain 6
Snow, sleet 7
Showers 8
Thunderstorm 9

VISIBILITY (V)

Objects not visible at
50 metres 0
200 " 1
500 " 2
1 Kilometre 3
2 " 4
4 " 5
10 " 6
20 " 7
50 " 8
Visible over 50 kms. 9

CLOUD AMOUNT (N)

Clear 0
Trace 1
1 Tenth 2
2, 3 Tenths 3
4, 5, 6 Tenths 4
7, 8 Tenths 5
9 Tenths 6
Over 9 Tenths 7
Overcast 8
Fog or Dust 9

CLOUD FORM (C)

Cirrus 1
Cirro-stratus 2
Cirro-cumulus 3
Alto-cumulus 4
Alto-stratus 5
Strato-cumulus 6
Nimbo-stratus 7
Cumulus 8
Cumulo-nimbus 9
Stratus 0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h 05 m 14
Sunset h 18 m 31

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month April 1940 5 ١٩٤٠ شهر ابريل

At 14 h on 28th — الساعة ١٤ يوم ٢٨ | At 8 h on Sunday 29th — الساعة ٨ يوم ٢٩

Region	Station	14h ww	V	DD	F	W	N	C	Bar. Press. M.S.L. 1000- mbs PPP	Temp TTT	Humidity UU	8h Present Weather ww	Visibility V	Wind Dir DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Press. M.S.L. 1000- mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
Mediterranean	SALUM	02	8	04	5	2	8	2	14.8	20.1	93	02	6	06	1	2	8	5	10.4	–	22.0	22		11		81	0		....	130
	MATRUH	01	8	12	5	1	4	4	15.4	21.2	65	01	9	12	4	1	4	1	12.7	-1.6	20.0	22	-2	16	+2	54	0	103	158	131
	DIKHEILA																												...	150
	ALEXANDRIA	00	9	04	4	0	0	–	16.3	21.3	65	01	8	10	4	2	4	4	14.0	-0.1	20.0	21	-4	15	-1	57	0	254	183	132
	DAMIETTA	01	8	04	4	1	3	4	17.5	20.1	58	01	8	08	3	1	4	3	14.0	–	20.0	21		16		64	0	100	103	159
	PORT SAID	02	8	04	3	2	5	1	17.0	20.7	55	01	8	04	3	1	4	3	13.5	+0.8	19.9	21	-4	17	+1	61	0	83	77	134
	EL ARISH	00	9	30	1	0	0	–	15.2	21.3	46	00	9	00	0	0	0	–	13.0	-1.7	21.7	24	-1	13	-1	46	0	248	91	135
Lower Egypt	DAMANHUR	00	6	08	4	1	0	–	15.8	26.0	36	01	6	04	4	1	3	1	13.4	-0.6	19.8	27	-1	12	-1	61	0	126	98	136
	MANSURA	00	8	02	3	1	0	–	16.7	25.0	40	01	8	08	3	1	3	8	13.8	–	20.4	26	-3	13	-1	67	0	61	52	137
	TANTA	00	8	02	3	1	0	–	14.0	26.2	35	00	8	08	2	0	0	–	13.9	-0.3	20.2	27	-3	11	-2	57	0	58	40	138
	ZAGAZIG	00	7	08	2	0	0	–	16.2	25.9	37	00	7	04	2	0	0	–	14.4	+0.1	19.2	28	-4	14	+1	66	0	46	26	139
Middle Egypt (Cairo)	ALMAZA	00	7	04	5	0	0	–	15.4	27.8	31	00	7	02	2	0	1	3	13.5	–	20.7	28		16		57	0	52	__	141
	EZBEKIYA	00	6	02	3	0	3	1	14.3	28.1	20	05	5	02	3	0	4	4	13.1	-0.7	21.6	29	-1	15	0	48	0	46	24	__
	GIZA	01	8	02	3	1	3	1	14.8	27.6	14	05	5	02	1	1	4	4	13.0	-0.8	20.4	29	-1	14	+2	51	0	46	24	__
	HELWAN	00	6	02	5	0	0	–	13.2	27.9	05	05	5	00	0	0	0	–	12.7	-0.8	22.1	30	0	16	0	41	0	54	27	143
	SUEZ	00	9	02	1	0	0	–	13.9	28.4	31	00	9	02	1	0	0	–	14.0	+0.6	21.3	30	0	15	-2	61	0	37	18	144
Upper Egypt	FAIYUM	01	8	02	3	1	4	2	13.0	30.0	14	01	8	02	2	1	4	2	12.7	-0.8	21.0	31	0	14	-1	45	0	75	6	153
	MINYA	00	9	32	3	0	0	–	12.7	31.4	14	00	9	32	2	1	0	–	12.0	-0.9	20.1	32	0	15	0	54	0	1	__	154
	ASYUT	00	8	30	1	0	0	–	11.0	32.0	14	00	6	22	1	0	0	–	12.2	-0.6	22.0	34	+1	16	0	36	0	14	4	155
	QENA	00	9	26	2	0	0	–	9.4	36.4	12	25	7	08	1	0	0	–	11.0	-0.4	23.6	40	+3	17	-1	30	0	20	__	156
	LUXOR	00	7	28	2	0	0	–	9.2	37.4	–	00	7	02	2	0	0	–	11.9	–	27.8	38		16		25	0	tr	__	157
	ASWAN	00	9	32	3	0	0	–	8.8	36.0	05	00	7	00	0	0	0	–	9.9	-1.6	24.5	37	0	19	-2	18	0	dr	—	158
Western Desert	SIWA	00	6	08	5	0	0	–	13.6	31.0		03	7	08	2	2	8	5	11.6	-3.2	21.0	35	+3	18	+4	55	0	5	3	148
	BAHARIYA	00	9	32	1	0	0	–	13.2			00	9	00	0	0	0	–	13.1	-1.0	23.0	29		14		59	0	7	__	149
	KHARGA	00	9	04	3	0	0	–	11.2	34.6	19	00	9	04	1	0	0	–	11.6	-0.6	25.0	36	0	18	0	31	0	4	—	151
	DAKHLA	00	9	32	1	0	0	–	10.6	36.5	28	00	8	28	1	0	0	–	11.8	-1.2	22.0	38	+2	18	+2	36	0	tr	__	152
Red Sea	TOR	00	7	28	2	0	0	–	12.6	23.4	74	00	6	28	1	0	0	–	10.8	-0.7	21.1	27	-2	15	-3	84	0	3	13	145
	HURGHADA	00	9	23	3	0	0	–	13.6	25.6	52	00	9	30	3	0	0	–	12.8	+1.1	24.0	28	-2	17	-1	39	0	tr	—	146
	QUSEIR	00	8	32	3	0	0	–	11.5	24.7	56	00	8	32	2	0	0	–	10.2	-1.2	23.4	27	-2	21	0	40	0	20	—	147
	PORT SUDAN																										0	10	96	169
North Sudan	WADI HALFA	00	8	30	5	0	0	–	7	36	06	00	8	31	2	0	1	1	9		24					15	0	dr	__	165
	KAREIMA	00	8	04	2	0	0	–	5	39	16	00	8	06	2	0	2	1	7		27					08	0	tr	1	166
	ATBARA	00	8	32	3	0	0	–	2	40	06	00	8	04	3	0	0	–	5		27					11	0	tr	3	167
	KHARTUM																										0	tr	5	168
	KASSALA	00	8	20	1	0	0	–	98	42	14	00	8	28	1	0	0	–	2		32					36	0	18	11	170
Central Sudan	WAD MEDANI	00	8	32	3	0	0	–	99	42	27	01	8	04	5	1	3	3	3		31					11	0	8	14	171
	DUEIM																										0	4	15	173
	RENK	00	9	28	3	0	0	–	0	41	30																–	–	56	182
	ROSEIRES	01	7	26	2	1	5	2	0	43	32	01	7	28	2	1	5	4	3		32					21	0	3	52	172
	EL OBEID	02	9	02	3	1	6	4,2	1	39	04	01	9	32	3	1	4	4,1	5		29					08	0	6	18	174
	EL FASHER	00	7	04	3	0	0	–	—	37	11	01	7	28	5	1	4	1	–		23					15	0	5	6	175
	GENEINA											00	7	04	2	0	2	1	–		26					–	–	–	7	179
	KADUGLI	01	8	04	4	1	4	1	2	41	26	00	8	04	2	0	0	–	5		33					06	–	–	107	187
S. Sudan	MALAKAL	01	8	32	2	1	5	8,1	0	41	15	01	8	12	3	1	5	4	5		34					25	0	52	121	176
	WAU											02	8	32	1	1	6	6,4	5		21?					74	0	193	232	177
	JUBA	02	9	16	2	1	5	8,2	3	38	29	02	8	08	2	1	8	9			24					74	1	228	300	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 29th ٢٩ ابريل

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN 8 h 15 m	MINYA h m	ASYUT 7 h m	ASWAN 7 h m	WADI HALFA 7 h m	KAREIMA 7 h m	KHARTUM 7 h m	KASSALA 5 h m	EL OBEID 7 h m	MALAKAL 7 h m	JUBA / Gezeira 7 h m
				02 29 05		02 29 10	02 04 15	10 05 40	10 05 45	10 02 30	10 07 20	10 03 30	05 16 10	10 05 40
				05 12 15		05 03 25	05 03 25	15 05 50	15 07 30	15 07 25	15 07 25	15 04 35	10 12 10	15 07 40
				08 01 10		10 05 25	10 05 40	20 06 55	20 17 10	20 01 20	20 03 40	20 36 15	15 33 10	20 08 30
				10 35 10		15 36 45	15 03 40	30 06 30	30 18 30	30 02 20	30 02 35	30 22 05	20 06 05	30 03 20
				15 01 15		20 34 50		40 06 30	40 27 40	40 19 10	40 02 40	40 26 15		40 34 10
				20 36 10					50 07 05	50 [illegible] 20	50 01 40	50 15 40		
				23 34 15					60 05 20			60 06 50		
				25 35 40										
				30 33 35										
				35 32 58										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 28th	Diff. from normal	Wet Bulb Temp °C on 28th	Diff. from normal
Alexandria	58	-11	15.3	-1.2
Ezbekiya	48	-3	14.8	-2.0
Giza	45	-9	13.9	-2.6
Helwan	40	+1	13.4	-1.4

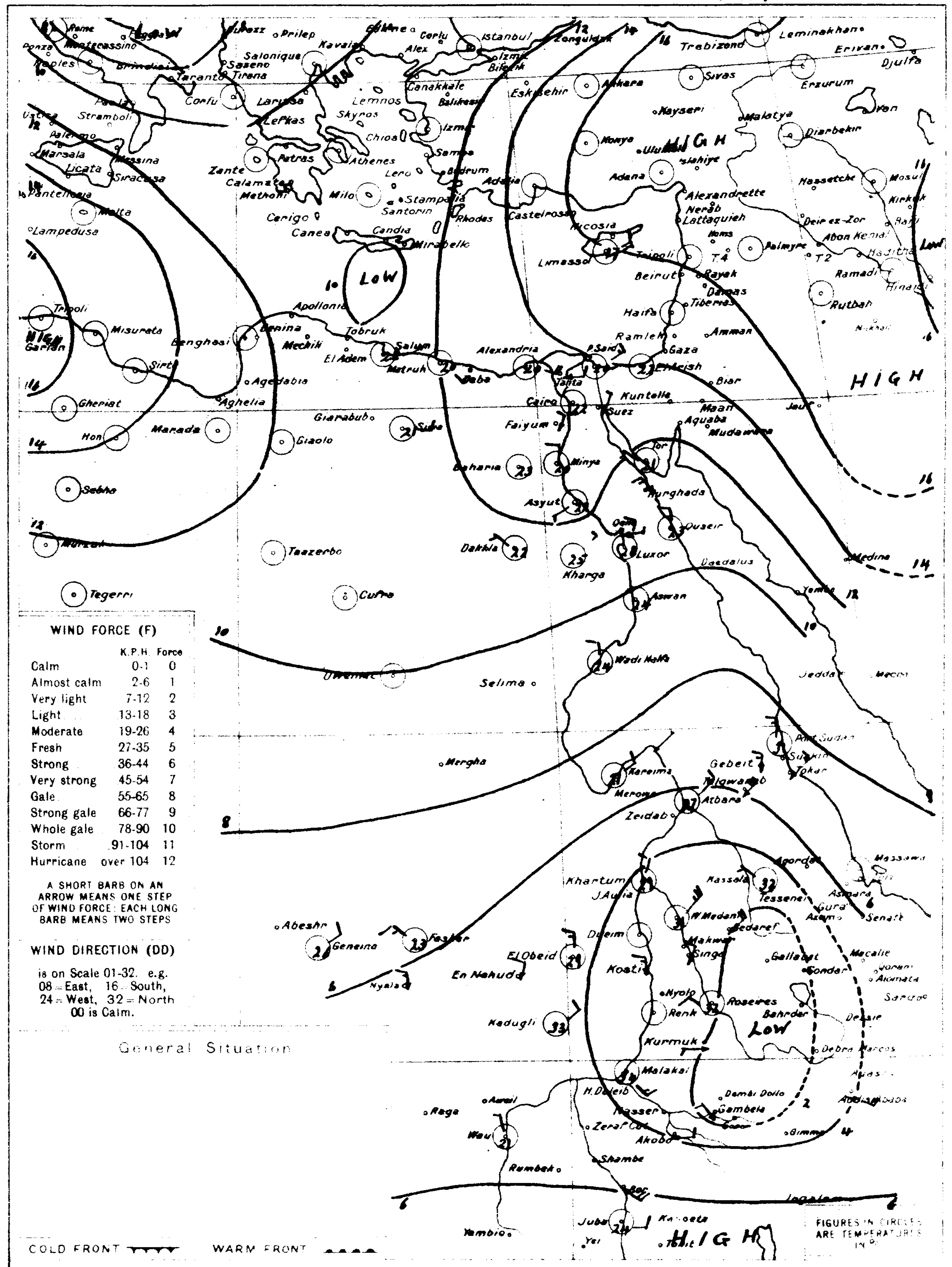
Giza Grass minimum on 29th 9.9 °C

Discharges at Aswan measured by sluices m.³ per sec.

Date	1945	1944
27-4	926	984
28-4	926	984

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba	29-4-1945			12.43	-0.99
Nasser					
Malakal				9.50	-0.56
Roseires		11.14	-0.27	11.16	-0.24
Sennar Res.				15.54	
J. Aulia U.S				370.93	
J. Aulia D.S				370.89	+0.02
Khartum				9.78	-0.46
Kh. el Girba					
Atbara				10.04	+0.06
Kajnarti				132.32	+0.44
Aswan Res.		119.66		119.66	
Aswan D.S.		85.19	-0.43	85.20	-0.41
Roda (Cairo)		16.11	+0.64	16.07	+0.61

١٩٤٥/٤/٢٩ Isobars, Wind and Temperature at 8 h. 29.4.1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15.000.000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 29th — الساعة ٨ يوم ٢٩

Station محطة	Present Weather ww	Visibility V	Wind Dir DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Press. M.S.L. 1000- mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	9	00	0	0	0	–	12.8	–	30.0	35	–	15	–	30	0	16	—
Almassal	01	9	04	2	0	4	–	15.9	+3.1	17	–	–	–	–	–	0	633	444

SHIPS سفن

Remarks

Water Temp R. Nile Cairo 21.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww
- Clear 00
- Partly cloudy 01
- Cloudy 02
- Overcast 03
- Low Fog 04
- Thin Haze 05
- Dust Devil 06
- Distant Lightning 07
- Light Mist or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder [illegible]
- Distant Duststorm [illegible]
- Squally [illegible]
- Slight Duststorm [illegible]
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick ,, ,, 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- ,, of Snow 83, 84
- ,, of Sleet 85, 86
- ,, of Hail 88, 89
- Thunderstorm 90-99
- ,, ended, now Rain 91
- ,, with Hail 94-96
- ,, with Duststorm 98
- ,, heavy, with Hail 99

PAST WEATHER (W)
- Clear, slight cloud 0
- Variable sky 1
- Mainly overcast 2
- Sandstorm, Duststorm 3
- Fog, thick dust haze 4
- Drizzle 5
- Rain 6
- Snow, sleet 7
- Showers 8
- Thunderstorm 9

VISIBILITY (V)

Objects not visible at
- 50 metres 0
- 200 ,, 1
- 500 ,, 2
- 1 Kilometre 3
- 2 ,, 4
- 4 ,, 5
- 10 ,, 6
- 20 ,, 7
- 50 ,, 8
- Visible over 50 kms. 9

CLOUD AMOUNT (N)
- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

CLOUD FORM (C)
- Cirrus 1
- Cirro-stratus 2
- Cirro cumulus 3
- Alto-cumulus 4
- Alto-stratus 5
- Strato-cumulus 6
- Nimbo-stratus 7
- Cumulus 8
- Cumulo-nimbus 9
- Stratus 0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h. m. 05 13
Sunset 18 31

Month APRIL 1945 ١٩٤٥ شهر ابريل

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	At 14 h. on 29th ٢٩ الساعة ١٤ يوم: Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	At 8 h. on Monday 30th ٣٠ الساعة ٨ يوم: Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs. mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALÛM	02	9	28	2	2	6	5	9.8	25.2	77	00	8	28	5	6	0	—	14.3	—	18.6	29	—	10	—	84	0		—	130
MATRÛH	01	8	08	4	1	4	4	10.4	24.0	66	02	9	28	6	2	6	9	13.4	-0.8	18.0	25	+1	17	+3	88	0	103	158	131
DIKHEILA																						—		—				—	150
ALEXANDRIA	00	9	02	4	0	0	—	12.7	23.0	65	00	9	10	3	0	0	—	11.1	-3.0	21.7	27	+2	18	+2	62	0	254	183	132
DAMIETTA	00	8	06	3	1	2	1	13.6	22.5	58	01	7	04	4	1	3	4	10.7	—	20.5	23	—	18	—	70	0	100	103	159
PORT SAÏD	01	8	04	3	1	4	1	13.6	21.0	67	02	8	04	3	2	5	5	10.0	-2.9	19.8	22	-3	19	+3	80	0	83	77	134
EL 'ARÎSH	00	9	30	1	0	0	—	13.5	24.3	46	01	9	20	1	1	3	8	11.4	-3.3	20.3	25	0	12	-2	63	0	248	91	135
LOWER EGYPT																													
DAMANHÛR	00	6	04	3	1	0	—	13.1	28.6	27	00	6	04	4	0	0	—	10.6	-3.4	22.2	30	+1	15	+2	58	0	128	98	136
MANṢÛRA	00	8	08	2	1	0	—	13.5	29.2	29	01	7	02	2	1	3	6	10.3	—	22.2	30	+1	17	+3	61	0	61	52	137
TANTA	00	8	04	2	0	0	—	12.2	30.5	29	00	8	04	2	1	0	—	10.2	-3.9	22.0	31	+1	14	+1	58	0	58	40	138
ZAGÂZÎG	00	7	04	2	0	0	—	13.0	29.6	34	00	7	04	2	0	0	—	10.6	-3.6	21.9	30	0	16	+3	64	0	46	26	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	8	06	2	1	4	1,4	12.6	32.2	37	01	5	24	1	1	4	2	10.0	—	23.4	33	—	18	—	56	0	52	—	141
CAIRO EZBEKÎYA	01	8	02	2	1	5	1	11.2	32.1	22	05	4	30	1	1	5	1	9.6	-4.2	21.7	33	+3	16	+1	52	0	46	24	—
CAIRO GÎZA	01	8	02	1	1	4	1	11.0	32.0	25	05	5	30	2	1	5	1	10.0	-3.8	19.5	33	+3	15	+3	60	0	46	24	—
HELWÂN	02	8	32	4	1	5	1	11.1	33.3	09	05	5	00	0	0	4	1	9.6	-3.8	20.0	35	+5	17	+1	57	0	54	27	143
SUEZ											00	9	00	0	0	0	—	11.4	-1.9	28.7	33	+3	19	+2	46	0	37	16	144
UPPER EGYPT																													
FAIYÛM	01	8	00	0	1	4	2	10.4	34.0	17	02	8	00	0	2	6	2	10.6	-2.8	28.9	36	+5	19	+4	32	0	75	8	153
MINYA	00	4	32	1	0	0	—	11.0	35.7	15	01	8	12	2	1	5	5	8.6	-4.2	21.9	37	+5	15	0	43	0	1	—	154
ASYÛT	01	7	26	1	1	3	2	9.5	37.8	13	01	7	06	1	1	5	5	9.5	-3.3	26.9	39	+6	20	+4	44	0	14	4	155
QENA	01	7	20	1	0	4	2	8.0	39.6	11	01	7	28	2	1	5	2	9.0	-2.4	28.1	41	+4	21	+3	27	0	20	—	156
LUXOR	00	7	30	2	0	0	—	9.1	40.0	12	02	7	26	2	2	5		10.2	—	29.0	42	—	20	—	29	0	tr	—	157
ASWÂN	02	9	08	2	1	5	1	6.4	37.6	07	02	9	00	0	1	5	1	8.7	-2.8	28.0	40	+3	23	+2	20	0	dr	—	158
WESTERN DESERT																													
SÎWA	00	8	12	4	0	0	—	7.8	35.8	—	00	7	28	2	0	0	—	15.2	+0.4	19.8	37	+5	18	+4	33	0	5	8	148
BAHARÎYA	00	9	00	0	0	0	—	11.5	36.0	27	01	9	32	1	1	4		10.6	-3.4	25.5	—	—	—	—	48	0	7	—	149
KHÂRGA	01	9	04	2	1	4	1	9.6	38.3	16	00	9	00	0	0	0	—	9.9	-2.2	32.4	37	+3	23	+5	[illegible]	0	4	—	151
DÂKHLA	00	9	32	2	0	0	—	9.2	38.0	19	00	8	28	1	0	0	—	10.4	-2.5	28.0	40	+4	18	+1	17	0	tr	—	152
RED SEA																													
TÔR	00	6	26	1	0	0	—	9.4	29.5	64	00	6	32	1	0	0	—	9.8	-1.6	25.5	35	+6	19	+1	67	0	3	13	145
HURGHÂDA	00	9	02	3	0	0	—	—	28	36	01	8	20	1	1	4	8	9.5	-2.2	31.4	31	+1	18	0	26	0	8	—	146
QUṢEIR	00	8	32	2	0	0	—	7.4	27.0	44	01	8	28	1	1	4	1	8.2	-3.2	28.2	29	0	25	+4	21	0	20	—	147
PORT SUDAN																										0	90	96	169
NORTH SUDAN																													
WÂDI HALFA	00	8	30	3	0	2	2	5	43	04	00	9	00	0	0	1	1	8		25					19	0	dr	—	165
KAREIMA	01	8	06	1	1	4	2	3	37	01	00	8	04	3	1	1	1	6		28					10	0	tr	1	166
'ATBARA	00	8	04	3	0	3	1	1	41	05	00	8	04	2	0	1	1	4		29					17	0	tr	3	167
KHARTÛM																											tr	5	168
KASSALA	00	8	02	4	0	0	—	97	43	09	00	8	06	2	0	0	—	1		36					22	0	18	11	170
CENTRAL SUDAN																													
WAD MEDANI	00	7	30	2	0	1	4	99	42	14	01	8	04	4	1	3	3	2		32					52	0	8	14	171
DUEIM																										0	4	15	173
RENK											00	9	20	3	0	0	—	3		33		—		—	50	0	—	56	182
ROSEIRES											00	7	18	2	1	0	—	3		36					47	0	3	53	172
EL OBEID	01	9	02	3	1	4	1,4	0	37	06	01	9	32	3	1	5	2	5		29					17	0	6	16	174
EL FÂSHER	01	8	02	0	1	4	1	—	38	15																0	5	6	175
GENEINA	01	8	06	1	1	3	1	—	38	15	02	8	04	2	1	5	2	—		27					52	0	—	7	179
KADUGLI	00	8	32	3	0	0	1	1	42	08	01	7	10	2	1	4	1	5		33					50	0	—	108	187
S. SUDAN																													
MALAKÂL	01	8	32	1	0	3	1	97	42	14	02	8	20	2	1	6	2	5		32					23	0	52	122	176
WÂU	02	8	06	2	1	6	4,5	1	38	25	02	8	00	0	1	6	4	7		26					70	0	193	235	177
JÛBA	00	8	12	1	6	2	4,5,6	5	31	52	02	8	00	0	1	7	4,5	7		26					79	1	229	305	178

UPPER WINDS ON 30th الرياح العليا يوم ٣٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWÂN 8 h. 15 m.	MINYA h. m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 8 h. m.	KAREIMA 7 h. m.	Geneina 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKÂL 7 h. m.	JÛBA 7 h. m.
				02 21 02		02 15 15	02 02 10	03 06 20	10 09 20	10 04 50	10 09 20	10 02 20	10 17 35	10 18 15
				05 26 15		05 16 25	05 04 15	10 07 60	15 22 20	15 07 45	15 07 15	15 03 25	15 17 30	15 12 25
				08 26 05		10 26 15	10 05 30	15 06 50	20 26 30	20 03 30	20 03 15	20 04 45	35 02 55	20 11 25
				10 21 40		15 31 20	15 02 30	20 05 50	35 24 45	35 15 05	35 04 25	25 04 50		40 12 30
				15 22 55		20 31 25	20 02 40	40 04 15		45 18 15				
						25 31 25		45 27 15		50 24 20				
						30 31 15		50 25 15						
								70 26 45						
								75 27 45						
								80 26 40						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 29th	Diff. from normal	Wet Bulb Temp °C on 29th	Diff. from normal
Alexandria	51	-18	17.0	+4.4
Ezbekîya	35	-16	17.0	+0.1
Gîza	37	-16	16.9	+0.4
Helwân	27	-12	15.8	+0.7

Gîza Grass minimum on 30th 11.3 °C

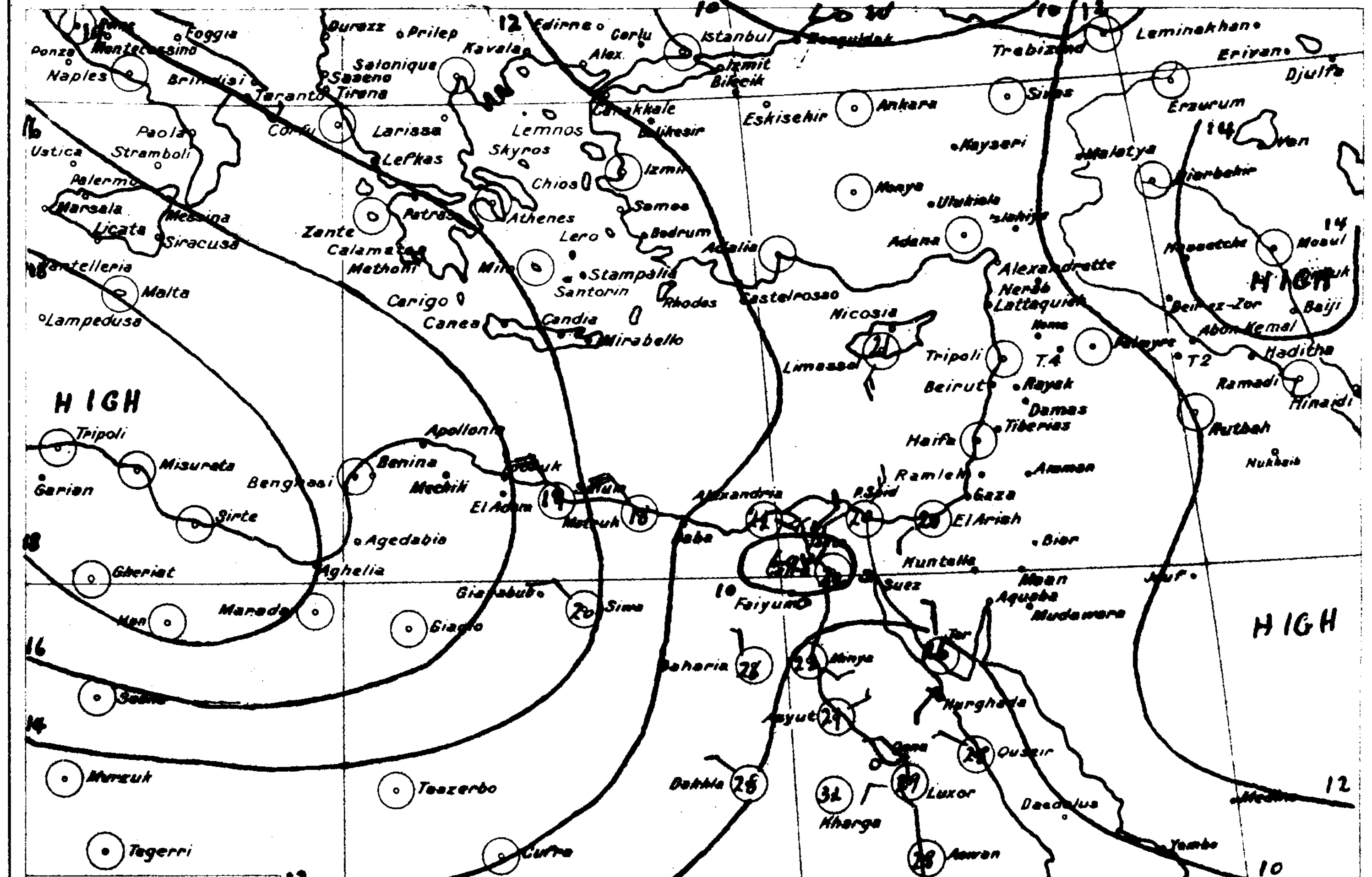
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
30-4	926	984
29-4	926	984

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba					
Nâsser				5.07	-0.49
Malakâl		9.50	-0.55	9.50	-0.55
Roseires		—		11.14	-0.27
Sennâr Res.		—		15.52	—
J. Aulia U.S	30-4	—		370.89	—
J. Aulia D.S		—		370.84	-0.03
Khartûm				9.73	-0.52
Kh. el Girba					
'Atbara				10.01	+0.03
Kajnarti				132.26	+0.38
Aswân Res.		119.63		119.66	
Aswân D.S.		85.18	-0.44	85.19	-0.43
Rôda (Cairo)		16.18	+0.71	16.11	+0.64

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

٣٠-٤-١٩٤٥ Isobars, Wind and Temperature at 8 h. 30-4-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT WARM FRONT

SCALE 1.15.000.000
Kms 200 100 0 200 400 600 Kms

STATION محطة	At 8 h. on 30th ٣٠ الساعة ٨ يوم: Present Weather ww	Visibility V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs. mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	01	8	00	0	1	4	4	7.8	—	29.7	38	—	17	—	32	0	16	
Limassol	02	9	18	3	1	5	—	11.1	-1.7	21	—	—	—	—	—	0	633	445
SHIPS سفن																		

Remarks
Water Temp.
River Nile Cairo.
21.4 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO

Time of Sunrise 05h 12m

Sunset 18h 32m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month MAY 1945 ١٩٤٥ شهر مايو

At 14 h. on 30-4 ٣٠-٤ الساعة ١٤ يوم

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	% HUMIDITY UU
MEDITERRANEAN: SALUM	00	9	28	6	0	0	—	15.0	19.2	88
MATRUH	02	9	30	4	1	5	8	14.4	18.9	80
DIKHEILA										
ALEXANDRIA	00	9	02	5	0	0	—	12.6	22.0	61
DAMIETTA	00	8	02	3	1	0	—	10.4	24.2	53
PORT SAÏD	00	8	02	3	0	0	—	9.4	23.4	62
EL 'ARISH	00	9	30	1	0	0	—	10.8	24.6	47
LOWER EGYPT: DAMANHUR	00	6	28	5	0	0	—	10.6	29.0	40
MANSURA	00	8	04	1	1	0	—	10.0	32.5	27
TANTA	00	8	32	3	0	0	—	9.6	28.5	28
ZAGAZIG	00	7	32	2	0	0	—	9.9	31.9	35
MIDDLE EGYPT: CAIRO ALMAZA	00	7	30	2	1	0	—	10.0	32.2	34
EZBEKIYA	05	7	30	3	0	0	—	9.8	31.9	35
GIZA	00	8	30	3	0	0	—	9.9	32.1	28
HELWAN	00	7	28	3	0	0	—	8.7	32.0	22
SUEZ	00	9	00	0	0	0	—	7.0	34.7	22
UPPER EGYPT: FAIYUM	12	7	32	5	3	0	—	8.6	32.8	19
MINYA	00	9	28	3	1	0	—	9.8	39.7	14
ASYUT	01	7	28	1	1	4	2	8.0	37.4	07
QENA	01	8	26	2	1	5	2	6.6	45.3	13
LUXOR	00	7	32	2	0	0	—	7.2	42.4	
ASWÂN	02	9	32	2	1	5	1	5.1	40.0	08
WESTERN DESERT: SIWA	00	8	28	5	0	0	—	13.8	32.8	35
BAHARIYA	00	9	32	1	0	0	—	9.9	34.5	32
KHARGA	01	9	08	1	1	5	3	8.0	39.4	19
DAKHLA	00	9	28	2	0	0	—	8.4	38.0	08
RED SEA: TOR	00	6	20	1	0	0	—	6.7	30.9	63
HURGHADA	02	7	08	1	2	5		9.5	33.0	56
QUSEIR	01	8	32	2	1	4	1	7.9	28.0	52
PORT SUDAN										
NORTH SUDAN: WADI HALFA	00	8	30	5	0	2	1	3	41	04
KAREIMA	00	8	06	2	0	0	—	2	40	06
'ATBARA	00	8	17	2	0	0	—	1	42	06
KHARTUM										
KASSALA	00	8	12	2	0	0	—	96	44	11
CENTRAL SUDAN: WAD MEDANI	01	8	32	2	1	5	8,1	98	43	05
DUEIM.										
RENK										
ROSEIRES	00	7	24	2	0	0	—	99	43	15
EL OBEID	02	9	06	3	1	7	1	0	41	04
EL FASHER	01	9	04	1	1	5	1	—	39	10
GENEINA										
KADUGLI	01	8	12	2	1	4	4	2	39	23
S. SUDAN: MALAKAL	02	8	26	1	1	5	8	1	41	19
WAU	02	8	00	0	1	5	8,4	2	38	24
JUBA	02	8	20	1	1	6	435	5	33	47

At 8 h. on TUESDAY 1st May أول مايو الثلاثاء الساعة ٨ يوم

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMP. Dry Bulb °C TTT	Yesterday Maximum °C MM	Diff. from norm. °C	Today Minimum °C mm	Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	STATION NUMBER
MEDITERRANEAN: SALUM	00	9	04	3	0	0	—	15.9		18.0	21		—		80	0			130
MATRUH	01	9	32	3	1	5	8	15.6	+1.4	17.6	20	−4	16	+2	72	0	103	159	131
DIKHEILA																			150
ALEXANDRIA	00	9	04	2	0	0	—	—	—	18.3	24	−1	16	0	63	0	254	184	132
DAMIETTA	00	8	32	3	1	2	8	13.9	—	18.9	26		15		75	0	100	104	159
PORT SAÏD	00	8	30	3	0	2	8	15.1	+2.2	19.0	24	−1	16	0	75	0	83	78	134
EL 'ARISH	01	9	00	0	1	3	8	13.2	−0.5	20.7	25	0	10	−4	67	0	248	92	135
LOWER EGYPT: DAMANHUR	00	7	32	4	0	0	—	14.0	+0.1	18.3	32	+3	12	−1	68	0	128	99	136
MANSURA	00	8	32	[illegible]	0	0	—	14.3	—	19.0	34	+4	13	−1	70	0	61	53	137
TANTA	00	8	32	1	0	0	—	14.2	+0.1	19.0	34	+4	10	−3	72	0	58	41	138
ZAGAZIG	01	7	28	2	1	4	8	14.8	+0.6	20.2	32	+2	11	−2	73	0	46	26	139
MIDDLE EGYPT: CAIRO ALMAZA	01	7	06	3	2	5	6	15.0	—	17.2	33		14		70	0	52		141
EZBEKIYA	09	5	02	2	1	5	8	14.6	+0.8	18.5	33	+2	15	0	67	0	46	25	—
GIZA	09	5	32	3	1	4	8	14.3	+0.5	17.2	33	+2	14	+2	71	0	46	25	—
HELWAN	00	6	32	2	0	1	8	14.0	+0.6	17.3	34	+3	15	−1	68	0	54	28	143
SUEZ	00	9	32	1	0	0	—	14.2	+0.9	20.6	37	+7	15	−2	68	0	37	16	144
UPPER EGYPT: FAIYUM	00	8	32	3	0	2	8	14.2	+0.8	18.2	34	+3	14	−1	62	0	75	8	153
MINYA	01	8	32	2	1	3	3	11.9	−0.9	19.5	40	+7	16	+1	63	0	1	—	154
ASYUT	00	7	20	1	0	0	—	12.7	0.0	22.1	38	+5	16	−1	36	0	14	4	155
QENA	05	7	24	1	1	0	—	9.8	−1.6	29.4	43	+5	18	0	26	0	20	—	156
LUXOR	08	7	26	2	0	0	—	10.6	—	32.3	43	—	14	—	23	0	tr.	—	157
ASWÂN	00	9	32	3	0	0	—	9.1	−2.3	28.0	42	+5	25	+3	17	0	tr.		158
WESTERN DESERT: SIWA	00	7	00	0	0	0	—	15.6	+0.8	18.5	35	+3	14	0	58	0	5	8	148
BAHARIYA	00	9	00	0	0	0	—	—	—	25.5					48	0	7	—	149
KHARGA	00	9	32	5	0	0	—	11.1	−1.0	26.2	41	+5	23	+5	39	0	4		151
DAKHLA	00	8	22	1	0	0	—	12.8	0.0	26.0	40	+4	23	+6	30	0	tr.	—	152
RED SEA: TOR	00	6	28	3	0	0	—	9.9	−1.5	21.5	35	+5	18	0	86	0	3	13	145
HURGHADA	00	9	30	5	0	0	—			26.5	34	+3	23	+5		0	8		146
QUSEIR	01	8	32	2	1	4	3	7.8	−3.5	26.0	33	+3	25	+4	55	0	20		147
PORT SUDAN																0	90	96	169
NORTH SUDAN: WADI HALFA	00	8	30	4	0	0	—	8		32					10	0	dr		165
KAREIMA	00	8	06	1	0	1	1	6		30					11	0	tr.	1	166
'ATBARA	00	8	32	2	0	0	—	4		29					12	0	tr.	4	167
KHARTUM																0	tr.	5	168
KASSALA	01	2	02	1	1	4	4	2		36					31	0	18	12	170
CENTRAL SUDAN: WAD MEDANI	00	7	04	2	0	3	3	4		32					18	0	8	15	171
DUEIM.																0	4	15	173
RENK	00	9	20	3	0	0	—	4		34								57	182
ROSEIRES	02	7	14	2	2	7	1	5		33					36	0	3	54	172
EL OBEID	02	9	00	0	1	5	2	5		29					12	0	6	19	174
EL FASHER	01	9	00	0	1	4	1	—		24					17	0	5	7	175
GENEINA	01	8	04	2	1	3	1	—		27								4	179
KADUGLI	01	8	28	2	1	4	1	5		33					23			109	187
S. SUDAN: MALAKAL	25	8	14	4	8	5	6,445	7		33					38	0	52	124	176
WAU	02	8	00	0	1	7	435	6		26					70	0	193	238	177
JUBA	02	8	04	2	1	5	8,4	10		28					52	0	229	310	178

UPPER WINDS ON 1st MAY الرياح العليا يوم أول مايو

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWÂN	MINYA	ASYUT	ASWÂN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKÂL	JUBA
h. m.	h. m.	h. m.	h. m.	d h. 15 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 30 m.	6 h. 15 m.	7 h. m.	6 h. 30 m.	7 h. 15 m.	7 h. 15 m.
				02 02 10		02 32 25	02 01 15	10 03 40	10 06 40	10 05 25	10 12 20	10 01 40	10 15 40	10 09 30
				05 02 20		05 01 35	05 01 45	15 04 40	15 04 35	15 06 50	15 05 15	15 36 30	15 17 35	15 07 10
				08 05 10		10 32 30	10 03 60	20 01 15	20 01 10	20 11 30	20 05 20	20 03 05	20 22 20	20 09 15
				10 36 05		15 32 35	15 03 50	25 36 15	25 27 15	25 05 20	25 02 15	35 17 05		25 09 05
				15 31 25		20 30 40		35 27 05	35 26 20		35 02 15	40 11 20		35 09 10
				20 31 25		25 27 70		40 30 10	40 29 30		40 03 30	45 16 25		40 12 15
				23 31 15				45 29 20	45 24 20		45 04 25	50 17 20		45 11 20
				25 31 15				50 29 35	50 26 35		50 02 35	55 15 20		50 12 20
				29 30 30				55 29 45	55 22 30			65 18 20		
								65 27 50				70 17 35		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 30-4	Humidity Diff. from normal	Wet Bulb Temp °C on 30-4	Wet Bulb Temp Diff. from normal
Alexandria	68	−1	16.8	+0.1
Ezbekiya	41	−10	17.4	+0.4
Giza	50	−3	16.7	+0.1
Helwân	37	−2	16.3	+1.3
Giza Grass minimum on	1st		11.2	°C

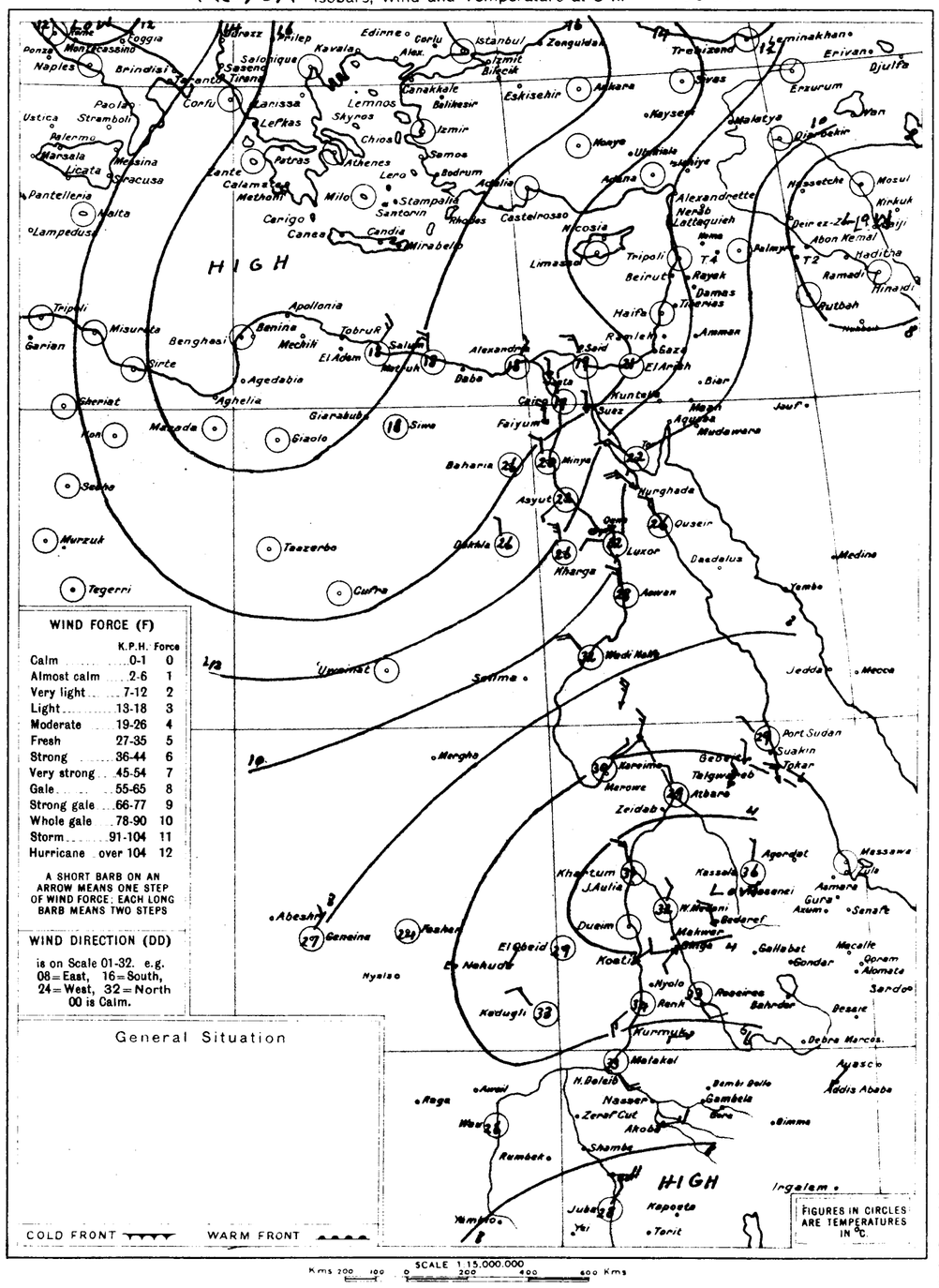
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
1-5	926	984
30-4	926	984

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	12.39	−1.06
Nasser		—	—	5.04	−0.55
Malakal		9.50	−0.56	9.50	−0.55
Roseires		11.19	−0.23	11.12	−0.30
Sennâr Res.		—	—	15.50	—
J. Aulia U.S		—	—	—	—
J. Aulia D.S		—	—	—	—
Khartûm		—	—	9.70	−0.55
Kh. el Girba		—	—	—	—
'Atbara		—	—	10.00	+0.02
Kajnarti		—	—	132.25	+0.37
Aswân Res.		119.59	—	119.63	—
Aswân D.S.		85.12	−0.44	85.18	−0.44
Rôda (Cairo)		16.18	+0.71	16.18	+0.71

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

Isobars, Wind and Temperature at 8 h. 1-5-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

At 8 h. on 1-5-1945 ١٩٤٥-٥-١ الساعة ٨ يوم

STATION محطة	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000-mbs. PPP	Diff. from normal mbs.	TEMP. Dry Bulb °C TTT	Yesterday Maximum °C MM	Diff. from norm. °C	Today Minimum °C mm	Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	9	10	3	0	0	—	11.6	−1.1	19	—	—	—	—	—	0	633	446
Nag Hamadi	00	8	00	0	0	0	—	12.6	—	27.0	39	—	17	—	37	0	16	—
SHIPS سفن																		

Remarks

Water Temp. R. Nile Cairo 21.8 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH. MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils.	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 05 h 12 m
Sunset 18 h 33 m

Month MAY 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 1st — الساعة ١٤ يوم ١ ; At 8 h. on WEDNESDAY 2nd — الساعة ٨ الأربعاء ٢

	STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALÛM	00	7	28	4	0	0	—	15.5	18.9	80																			130
	MATRÛH	01	9	32	4	1	4	8	15.4	18.8	73	01	9	04	2	1	4	8	17.0	+2.8	18.4	20	−4	12	−3	71	0	103	159	131
	DIKHEILA																													150
	ALEXANDRIA	00	9	04	3	0	0	—	14.7	20.6	55	01	9	04	2	2	4	4	16.2	+2.1	19.0	22	−3	16	0	64	0	254	184	132
	DAMIETTA	00	8	32	3	1	3	8	13.8	19.9	70	02	8	04	2	1	5	8	15.6	—	19.4	20	—	13	—	68	0	100	104	159
	PORT SAÎD	00	8	32	4	0	0	—	13.5	22.0	63	01	8	04	2	1	4	6	15.6	+2.7	18.1	23	−2	15	−1	70	0	83	78	134
	EL 'ARÎSH	00	9	30	1	0	0	—	11.9	20.8	61	00	9	00	0	0	0	—	15.5	+1.8	19.5	22	−3	11	−3	63	0	248	92	135
LOWER EGYPT	DAMANHÛR	00	7	32	3	0	0	—	13.9	23.0	47	01	6	32	3	1	3	8	15.2	+1.3	19.0	24	−5	14	+1	63	0	128	99	136
	MANṢÛRA	00	8	32	2	0	0	—	13.8	26.0	45	01	7	04	2	1	4	6	16.0	—	19.5	27	−3	12	−2	68	0	61	53	137
	TANTA	00	8	32	2	0	0	—	12.7	26.2	44	00	8	00	0	0	0	—	15.6	+1.5	18.2	27	−3	9	−4	69	0	58	41	138
	ZAGÂZÎG	00	7	28	2	0	0	—	13.5	27.6	30	00	7	02	2	0	3	8	15.5	+1.3	18.6	27	−3	12	−1	70	0	46	26	139
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	02	2	0	0	—	13.4	26.4	42	00	7	06	3	1	3	8	15.4	—	18.1	28	—	14	—	65	0	52	—	141
	CAIRO EZBEKIYA	00	8	30	2	0	0	—	12.6	26.9	35	09	6	02	2	0	3	6	15.1	+1.3	18.0	28	−3	13	−3	65	0	46	25	—
	CAIRO GÎZA	00	8	30	2	0	0	—	12.3	26.8	32	09	6	04	3	1	3	6	15.1	+1.4	17.6	28	−3	13	+1	68	0	46	25	—
	HELWÂN	00	7	28	3	0	0	—	11.9	26.1	22	00	6	02	4	0	0	—	14.2	+0.8	18.0	28	−3	13	−3	61	0	54	28	143
	SUEZ	00	9	28	2	0	0	—	11.9	27.6	30	00	9	30	1	0	0	—	15.4	+2.1	17.5	27	−3	13	−4	75	0	37	16	144
UPPER EGYPT	FAIYÛM	00	8	32	4	0	0	—	11.6	26.9	22	00	8	32	4	0	2	8	14.4	+1.0	17.7	28	−3	13	−2	63	0	75	8	153
	MINYA	00	9	32	3	1	0	—	11.0	27.3	30	00	8	32	3	0	0	—	13.2	+0.4	17.0	29	−4	13	−2	75	0	1	—	154
	ASYÛT	00	7	26	2	0	0	—	10.7	29.2	13	00	7	26	1	0	0	—	12.7	+0.1	18.3	30	−3	14	−3	55	0	14	4	155
	QENA	00	9	26	3	0	0	—	7.2	36.4	13	00	8	22	3	0	0	—	10.8	−0.5	22.8	38	+1	16	−2	39	0	20	—	156
	LUXOR	00	7	28	3	0	0	—	8.4	35.4	14	00	7	02	2	0	0	—	11.4	—	27.5	37	—	15	—	27	0	tr.	—	157
	ASWÂN	01	9	32	3	1	4	4	6.3	39.6	04	00	9	00	0	0	0	—	10.6	−0.8	23.0	40	+2	18	−4	25	0	dr.		158
WESTERN DESERT	SIWA	00	8	26	2	0	0	—	15.6	27.3	30	00	7	08	2	0	0	—	16.3	+1.6	18.0	31	−1	14	0	64	0	5	8	148
	BAHARÎYA	00	9	00	0	0	0	—	—	34.5	32	00	9	00	0	0	0	—	15.4	+1.5	21.0	36	—	12	—	57	0	7	—	149
	KHARGA	00	9	32	4	0	0	—	10.4	33.2	16	00	9	04	4	0	0	—	13.2	+1.2	21.2	33	−3	16	−2	54	0	4		151
	DÂKHLA	00	8	28	4	0	0	—	11.5	32.8	17	00	8	12	1	0	0	—	13.5	+0.7	20.8	33	−3	15	−2	39	0	tr.	—	152
RED SEA	TÔR	00	6	28	2	0	0	—	8.3	26.4	69	00	7	28	1	0	0	—	10.3	−1.1	21.9	30	0	18	−1	68	0	3	13	145
	HURGHÂDA	00	9	30	5	0	0	—	9.4	30.2	36	00	9	30	5	0	0	—	—	—	22.0	31	0	14	−4	30	0	8		146
	QUṢEIR	00	8	32	3	0	0	—	7.6	26.0	65	00	8	30	3	0	0	—	9.2	−2.1	23.6	29	−1	22	0	48	0	20		147
	PORT SUDAN																										0	90	96	169
NORTH SUDAN	WÂDI HALFA	18	6	30	4	0	0	—	5	39	07	00	9	30	4	0	0	—	11		25					14	0	dr.	—	165
	KAREIMA	00	8	02	3	0	0	—	2	42	04	00	8	04	4	0	0	—	9		29					14	0	tr.	1	166
	'ATBARA	00	8	30	3	0	0	—	0	42	08	05	6	28	5	0	0	—	5		31					17	0	tr	4	167
	KHARTÛM																										0	tr.	5	168
	KASSALA	01	8	30	2	1	4	8	98	43	12	01	8	12	1	1	4	4	2		36					35	0	18	12	170
CENTRAL SUDAN	WAD MEDANI											00	8	16	1	0	3	3	5		30					17	0	8	15	171
	DUEIM																										0	4	15	173
	RENK	00	9	18	3	0	0	—	1	42	16	00	9	18	3	0	0	—	5	—	33		—		—	23	—	—	57	182
	ROSEIRES											00	7	14	2	2	0	—	5		33					23	0	3	55	172
	EL OBEID	01	9	00	0	1	4	1	1	41	11	00	9	00	0	0	0	—	7		34					20	0	6	19	174
	EL FASHER	00	9	18	2	0	0	—	—	39	11	05	7	00	0	0	3	1	—		26					27	0	5	7	175
	GENEINA	00	8	08	7	1	2	6	—	38	06	01	8	06	3	1	4	4,3	—		28					—			8	179
	KADUGLI											01	8	28	2	1	4	1	7		33					24	—	—	110	187
S. SUDAN	MALAKÂL	02	8	16	4	1	6	8,2	3	38	25	01	7	20	3	1	4	4	7		31					43	0	52	126	176
	WAU	02	8	08	1	1	5	4,5	3	37	27	02	8	20	1	1	6	4,5	7		26					74	0	193	241	177
	JÛBA	10	8	18	2	1	5	9,4,5	7	34	47	01	8	20	2	1	4	4	10		27					70	0	229	315	178

UPPER WINDS ON 2nd — الرياح العليا يوم ٢

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRÛH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWÂN 8 h. 15 m.	MINYA h. m.	ASYUT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	KAREIMA 5 h. 30 m.	El Fasher (KHARTUM) 6 h. m.	KASSALA 9 h. 15 m.	EL OBEID 7 h. 30 m.	MALAKÂL 7 h. 30 m.	JÛBA 7 h. m.
				02 03 10		02 33 30	02 35 05	10 35 50	10 03 55	20 06 45	10 29 05	10 04 20	10 21 30	10 17 30
				05 05 30		05 01 35	05 36 35	15 29 35	15 03 55	25 07 20	15 19 10	15 04 40	15 19 30	15 14 20
				08 03 40		10 02 40	10 03 25	20 25 30	20 02 30	30 14 20	20 17 10	20 02 30	20 18 40	20 13 15
				10 04 30		15 02 25	15 33 10	25 23 30	25 32 05	40 15 15	25 20 05	25 04 15	25 18 30	25 13 15
				15 04 50		20 02 50	20 36 10	35 30 25	35 27 15	45 13 05	40 21 10	35 04 15		35 10 15
				20 02 30		25 03 55		40 31 20	40 25 30			40 06 05		40 01 20
				23 35 30		30 01 45		45 31 35	45 31 30			45 08 05		45 36 20
				25 36 30				50 30 40	50 28 24			50 10 10		
				28 32 25					55 23 45			55 06 10		
									65 29 35			65 12 20		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 1st	Diff. from normal	Wet Bulb Temp °C on 1st	Diff. from normal
Alexandria	65	−4	14.6	−2.2
Ezbekiya	62	+11	16.5	−0.5
Gîza	62	+9	16.3	−0.4
Helwân	55	+16	14.8	−0.?

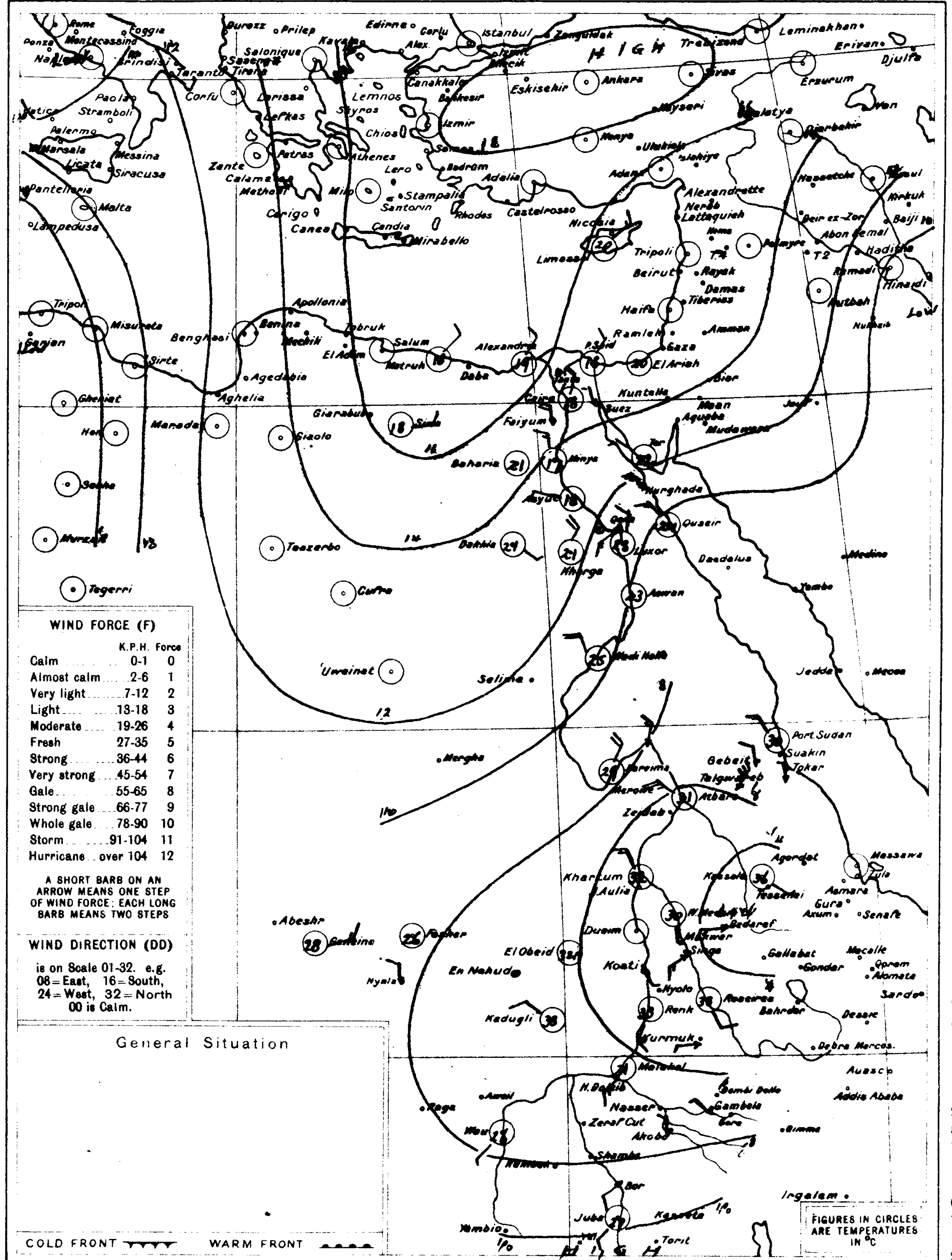
Gîza Grass minimum on 2nd 11.3 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
2.5	926	984
1.5	926	984

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		—	—	12.38	−1.08
Nasser		—	—	5.00	−0.62
Malakâl		9.49	−0.58	9.50	−0.56
Roseires	5	—	—	11.19	−0.23
Sennâr Res.		—	—	15.46	—
J. Aulia U.S		—	—	—	—
J. Aulia D.S	1	—	—	—	—
Khartûm		—	—	9.68	−0.58
Kh. el Girba	2	—	—	—	—
'Atbara		—	—	9.97	−0.02
Kajnarti		—	—	132.24	+0.37
Aswân Res.		119.54	—	119.59	—
Aswân D.S.		85.18	−0.45	85.18	−0.44
Roda (Cairo)		16.18	+0.70	16.18	+0.71

١٩٤٥-٥-٢ Isobars, Wind and Temperature at 8 h. 2-5-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 2nd — الساعة ٨ يوم ٢

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yester day °C MM	Diff from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	9	06	3	0	0	—	14.4	+1.7	20	—	—	—	—	—	0	633	447
Nag Hamadi	00	8	00	0	0	0	—	11.9	—	22.1	33	—	15	—	43	0	16	—
SHIPS سفن																		

Remarks

Water Temperature River Nile Cairo 21.6 °C

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise 05 h 11 m
Sunset 18 33

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month May 1945 ١٩٤٥ شهر مايو

At 14 h. on 2nd May — الساعة ١٤ يوم ٢ ; At 8 h. on Thursday 3rd — الساعة ٨ يوم خميس ٣

STATION	14h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU
MEDITERRANEAN										
SALÛM	00	8	08	2	0	0	–	15.5	20.4	78
MATRÛH	01	4	04	2	1	3	8	15.5	20.0	78
DIKHEILA										
ALEXANDRIA	01	9	04	2	2	3	2	15.2	21.0	64
DAMIETTA	00	8	04	2	1	0	–	15.0	20.0	71
PORT SAÏD	00	8	06	4	0	3	6	14.6	20.8	66
EL 'ARÎSH	00	9	32	3	0	0	–	14.7	21.0	57
LOWER EGYPT										
DAMANHÛR	00	6	32	3	0	0	–	14.4	25.4	41
MANŞÛRA	01	8	02	2	1	3	6	14.2	27.2	41
TANTA	01	8	32	3	1	4	4	13.6	28.0	39
ZAGÂZÎG	00	7	32	2	0	0	–	13.8	26.6	35
MIDDLE EGYPT										
CAIRO ALMÂZA	00	8	04	3	0	2	1	14.0	28.0	28
CAIRO EZBEKÎYA	01	8	02	3	0	3	4	13.6	28.1	31
CAIRO GÎZA	01	8	04	3	1	3	3	13.2	27.6	25
HELWÂN	00	8	32	3	0	3	2	12.3	28.5	19
SUEZ	00	9	30	2	0	0	–	13.?	29.1	30
UPPER EGYPT										
FAIYÛM	02	8	32	4	2	6	4	11.5	28.0	24
MINYA	01	9	32	4	1	3	2	12.3	27.7	30
ASYÛT	01	8	22	1	1	3	2	10.0	31.8	12
QENA	00	9	22	2	0	0	–	8.2	35.0	18
LUXOR	00	7	06	2	0	0	–	9.1	36.0	13
ASWÂN	00	9	32	1	0	0	–	7.1	36.0	
WESTERN DESERT										
SÎWA	00	8	04	2	0	0	–	15.0	29.5	32
BAHARÎYA	00	9	32	1	0	0	–	13.5	29.0	45
KHÂRGA	00	9	32	4	0	0	–	10.4	32.0	16
DÂKHLA	00	9	32	1	0	0	–	11.0	31.0	10
RED SEA										
TÔR	00	7	28	1	0	0	–	10.5	24.9	73
HURGHÂDA	00	9	32	5	0	0	–	11.0	27.0	29
QUŞEIR	00	8	32	3	0	0	–	9.4	25.0	56
PORT SUDAN										
NORTH SUDAN										
WÂDI HALFA	00	9	28	2	0	0	–	7	33	06
KAREIMA	00	8	04	3	0	0	–	4	38	04
'ATBARA	00	7	32	3	0	0	–	1	40	14
KHARTÛM										
KASSALA	01	8	00	0	0	4	9	16	40	20
CENTRAL SUDAN										
WAD MEDANI	00	8	08	3	0	0	–	11	43	05
DUEIM										
RENK	00	9	24	3	0	0	–	1	41	16
ROSEIRES	01	7	10	2	1	4	8	2	41	18
EL OBEID	01	9	04	3	0	4	2	1	39	12
EL FÂSHER										
GENEINA	01	9	12	3	1	4	8	–	37	16
KADUGLI	01	8	04	2	1	4	4	3	39	24
S. SUDAN										
MALAKÂL	01	8	20	2	1	5	8,1	2	39	26
WÂU	02	8	08	1	1	5	8,4,1	5	38	25
JÛBA	02	8	18	1	1	7	4,4,5	7	33	47

STATION	8h Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.
SALÛM	00	8	24	1	0	0	–	13.2	–
MATRÛH	03	8	16	2	2	8	9	15.2	+1.0
DIKHEILA									
ALEXANDRIA	01	9	04	1	2	4	4	15.6	+1.5
DAMIETTA	00	8	02	2	0	0	–	14.6	–
PORT SAÏD	00	8	04	3	0	3	6	14.7	+1.9
EL 'ARÎSH	00	9	32	1	0	0	–	14.3	+0.6
DAMANHÛR	00	6	32	2	0	0	–	14.7	+0.8
MANŞÛRA	00	8	32	2	0	0	–	15.0	–
TANTA	00	8	00	0	0	0	–	14.7	+0.6
ZAGÂZÎG	00	7	02	2	0	0	–	15.1	+0.9
CAIRO ALMÂZA	00	7	06	5	0	2	6	14.8	–
CAIRO EZBEKÎYA	01	6	02	4	0	1	4	14.0	+0.3
CAIRO GÎZA	09	5	02	4	0	1	6	13.8	+0.1
HELWÂN	00	7	02	2	0	0	–	12.8	-0.6
SUEZ	00	9	30	1	0	0	–	13.6	+0.4
FAIYÛM	00	8	32	2	0	0	–	12.6	-0.7
MINYA	00	8	04	2	0	0	–	11.8	-0.9
ASYÛT	00	7	22	1	0	0	–	11.9	-0.7
QENA	00	7	26	2	0	0	–	10.4	-0.9
LUXOR	00	7	22	2	0	0	–	10.8	–
ASWÂN	00	9	00	0	0	0	–	9.5	-1.8
SÎWA	00	7	08	2	0	0	–	14.0	-0.7
BAHARÎYA	00	9	32	1	0	0	–	14.7	+0.9
KHÂRGA	00	9	32	2	0	0	–	11.5 (12.8 struck)	-0.4
DÂKHLA	00	8	28	1	0	0	–	12.7	0.0
TÔR	00	7	28	1	0	0	–	10.0	-1.3
HURGHÂDA	00	9	28	5	0	0	–	10.6	-0.9
QUŞEIR	00	8	30	3	0	0	–	8.7	-2.5
PORT SUDAN									
WÂDI HALFA	00	9	32	1	0	0	–	8	
KAREIMA	00	8	32	1	0	0	–	9	
'ATBARA	00	8	30	3	0	0	–	6	
KHARTÛM									
KASSALA	00	8	00	0	0	0	–	4	
WAD MEDANI									
DUEIM									
RENK	00	9	20	3	0	0	–	7	—
ROSEIRES	00	7	18	2	1	0	–	6	
EL OBEID	01	9	28	3	1	4	1	6	
EL FÂSHER	00	8	30	3	0	2	1	–	
GENEINA	02	8	02		1	6	4	–	
KADUGLI	00	8	28	2	1	5	1	7	
MALAKÂL	01	8	14	2	1	4	8,4	7	
WÂU	01	8	22	1	1	4	5,1	7	
JÛBA	01	8	20	2	1	4	4,5,1	10	

STATION	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALÛM	20.2	21	—	8	—	55	0		—	130
MATRÛH	15.3	21	-3	12	-3	92	0	103	159	131
DIKHEILA			—		—				—	150
ALEXANDRIA	21.2	22	-3	15	-2	74	0	254	184	132
DAMIETTA	20.8	21	—	17	—	60	0	100	104	159
PORT SAÏD	20.2	22	-3	17	+1	66	0	83	78	134
EL 'ARÎSH	20.5	22	-3	14	-0	61	0	248	92	135
DAMANHÛR	20.2	27	-2	12	-1	68	0	128	99	136
MANŞÛRA	21.7	29	-1	15	+1	64	0	61	53	137
TANTA	19.6	29	-2	10	-3	76	0	58	41	138
ZAGÂZÎG	19.6	27	-2	11	-2	78	0	46	26	139
CAIRO ALMÂZA	18.5	29	—	15	—	67	0	52	—	141
CAIRO EZBEKÎYA	19.7	30	-1	14	-2	70	0	46	25	—
CAIRO GÎZA	19.2	28	-3	13	0	73	0	46	25	—
HELWÂN	19.6	30	-1	16	0	60	0	54	28	143
SUEZ	20.0	30	0	14	-3	70	0	37	16	144
FAIYÛM	19.9	29	-2	13	-2	58	0	75	8	153
MINYA	19.3	31	-2	13	-3	55	0	1	—	154
ASYÛT	19.8	34	0	13	-4	47	0	14	4	155
QENA	23.4	38	+1	16	-3	35	0	20	—	156
LUXOR	27.5	38	—	15	—	23	0	tr	—	157
ASWÂN	25.0	37	-1	20	-2	16	0	dr	–	158
SÎWA	19.6	31	-1	15	+1	59	0	5	8	148
BAHARÎYA	18.0	32	—	11	—	71	0	7	—	149
KHÂRGA	23.8	33	-3	15	-4	33	0	4		151
DÂKHLA	22.0	33	-3	14	-3	29	0	tr	—	152
TÔR	20.9	26	+4	15	-4	86	0	3	13	145
HURGHÂDA	24.5	29	-2	17	-1	30	0	8		146
QUŞEIR	24.0	27	-3	21	-1	39	0	20		147
PORT SUDAN								90	16	169
WÂDI HALFA	22					21	0	dr	—	165
KAREIMA	24					18	0	tr	1	166
'ATBARA	29					09	0	tr	4	167
KHARTÛM							0	tr	5	168
KASSALA	32					36	0	18	12	170
WAD MEDANI							0	8	15	171
DUEIM							0	4	15	173
RENK	31		—		—	38	–	–	58	182
ROSEIRES	33					36	0	3	57	172
EL OBEID	28					14	0	6	19	174
EL FÂSHER	27					40	0	5	7	175
GENEINA	24					13	–	–	8	179
KADUGLI	32					43	–	–	111	187
MALAKÂL	31					46	0	52	128	176
WÂU	27					66	0	193	245	177
JÛBA	28					66	0	229	320	178

UPPER WINDS ON 3 — الرياح العليا يوم ٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWÂN 8 h. 15 m.	MINYA h. m.	ASYUT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	KAREIMA 7 h. m.	EL FASHER (KHARTUM struck) 7 h. m.	KASSALA 8 h. m.	EL OBEID 7 h. m.	MALAKÂL 7 h. m.	JÛBA 7 h. m.
				02 03 10		02 31 15	02 03 10	10 04 35	10 03 20	10 03 30	10 36 50	10 03 40	10 17 55	10 25 20
				05 06 40		05 33 20	05 07 25	15 05 15	15 26 15	15 03 35	15 02 65	15 03 60	15 29 45	15 23 30
				10 03 25		10 01 20	10 05 20	20 09 10	20 11 25	20 09 05	20 35 25	20 11 15	20 25 10	20 18 30
				15 05 30		15 36 25	15 05 15	25 02 05	25 14 10	25 28 05	30 26 25	25 09 20	25 35 30	25 13 25
				20 06 10		20 36 25	20 03 20	35 33 30	35 32 15	35 07 10	40 24 45	35 19 05	35 02 45	
				30 03 05		30 07 45	25 24 50	40 32 25	40 30 15	40 10 10	45 23 45	40 15 05	40 27 10	
				40 29 10		40 10 05		45 31 15			60 30 25	45 11 05	45 23 45	
				50 26 10				50 35 30				50 03 10	50 30 05	
				60 29 20				55 23 36				55 36 15	55 32 20	
				65 24 15				65 33 30						

Forecast for 24 hours from noon on ....

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 2	Diff. from normal	Wet bulb temp °C on 2	Diff. from normal
Alexandria	71	+2	21.5	-1.0
Ezbekîya	56	+5	15.9	-1.2
Gîza	54	+1	15.5	-1.5
Helwân	43	+4	14.4	-0.8

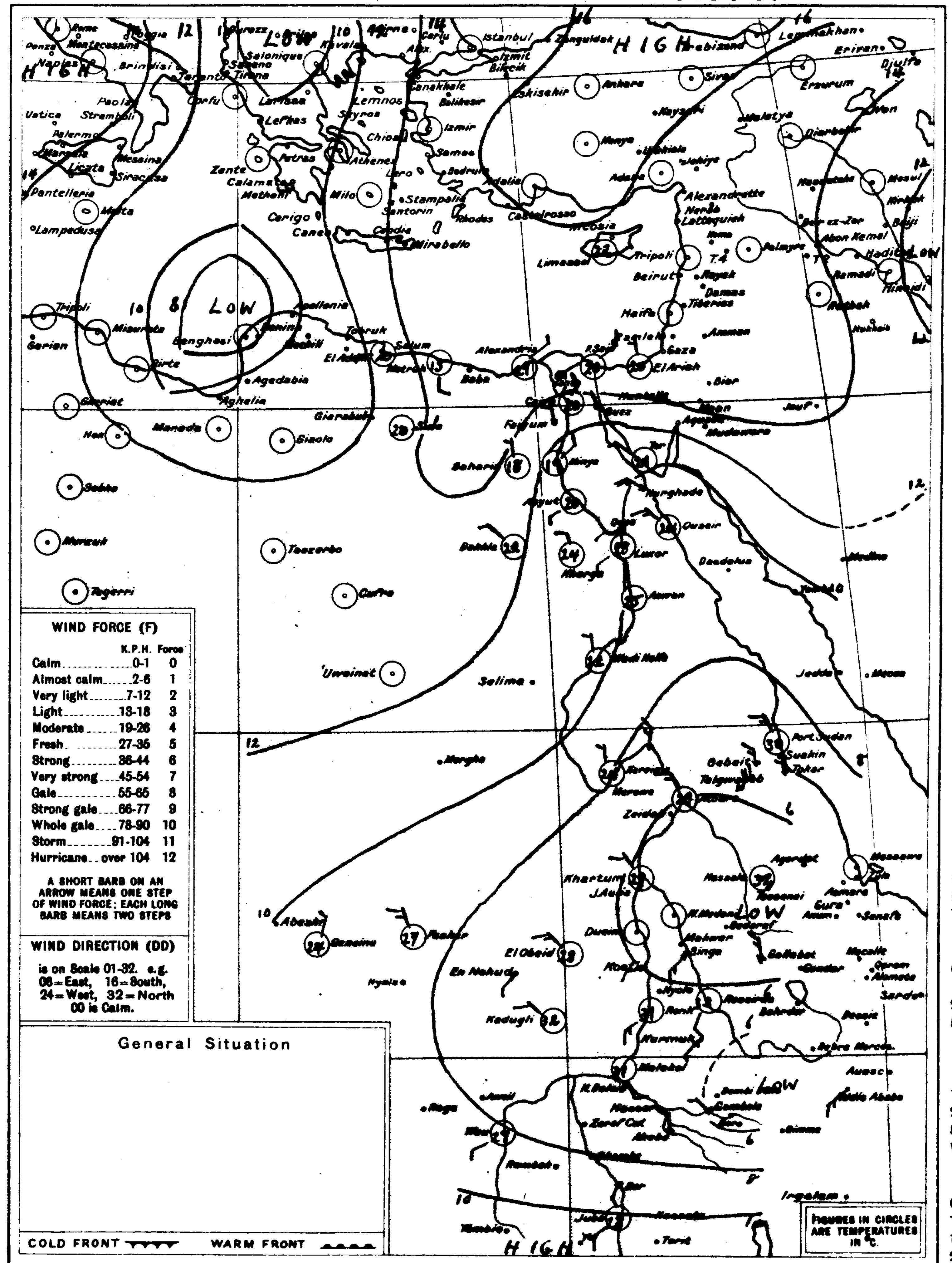
Gîza Grass minimum on 3 — 10.8 °C

Discharges at Aswân measured by sluices m³ per sec.

DATE	1945	1944
3.5	984	984
2.5	926	984

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.40	-1.07
Nâsser				4.96	-0.69
Malakâl	6	9.48	-0.60	9.49	-0.58
Roseires				11.07	-0.26
Sennâr Res				15.43	
J. Aulia U.S				370.78	
J. Aulia D.S				370.75	-0.13
Khartûm				9.65	-0.61
Kh. el Girba					
'Atbara				9.94	-0.05
Kajnarti				132.20	+0.34
Aswân Res.		119.52		119.54	
Aswân D.S.		85.27	-0.36	85.18	-0.48
Rôda (Cairo)		16.18	+0.69	16.18	+0.70

١٩٤٥/٥/٣ Isobars, Wind and Temperature at 8 h. 3.5.1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

At 8 h. on 3 — الساعة ٨ يوم ٣

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
W. Kamadi	00	8	00	0	0	0	–	11.0	–	22.0	35	–	14	–	46	0	16	–
Limassol	02	8	10	2	1	5	–	15.1	+2.4	22	–	–	–	–	–	0	633	447
SHIPS سفن																		

Remarks

Water Temp R. Nile Cairo 21.4°C

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h 05 m 18
Sunset 18 34

Month MAY, 1945 ١٩٤٥ شهر مايو

1417 F.C.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 3rd — الساعة ١٤ يوم ٣ | At 8 h. on FRIDAY 4th — الساعة ٨ يوم الجمعة ٤

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs PPP	14h Temp TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Max Diff from norm °C	Min Today °C mm	Min Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms	Station Number
MEDITERRANEAN: SALÛM	00	8	08	4	0	0	—	12.6	22.1	83	03	8	32	4	2	8	6	14.8	—	25.8	28		12		48	0	—		130
MATRÛH	00	9	08	4	0	0	—	13.4	24.8	55	03	8	16	2	1	8	8	15.9	+1.7	21.2	25	+1	16	+1	20	0	103	159	131
DIKHEILA																													150
ALEXANDRIA	00	9	04	4	0	0	—	14.0	22.3	58	02	9	00	0	2	5	4	14.3	+0.2	22.0	24	-1	18	+1	76	0	254	184	132
DAMIETTA	01	8	02	3	1	3	5	13.4	22.9	51	02	8	30	2	1	5	6	13.6	—	21.7	24	—	17		76	0	100	104	159
PORT SAÎD	01	8	30	5	1	4	6	13.0	23.3	71	02	8	02	3	1	5	6	13.8	+1.0	21.9	24	-1	19	+3	68	0	83	78	134
EL 'ARÎSH	00	9	32	1	0	0	—	13.3	21.5	57	00	9	28	1	0	0	—	13.1	-0.6	22.0	23	-2	14	0	70	0	248	92	135
LOWER EGYPT: DAMANHÛR	00	6	32	4	0	0	—	13.3	28.6	35	01	6	04	3	1	4	1	13.6	-0.3	21.8	30	+1	13	-1	72	0	128	99	136
MANŞÛRA	01	8	04	2	1	4	8	13.0	29.0	30	01	7	02	2	1	4	8	14.2	—	21.5	30	0	14	0	70	0	61	53	137
TANTA	02	8	04	3	1	5	4	12.6	29.5	35	02	8	00	0	2	5	8	14.0	-0.1	21.0	30	-1	11	-3	65	0	58	41	138
ZAGAZIG	00	7	02	2	0	3	1	13.1	29.4	30	01	6	08	2	1	5	8	13.4	-0.8	20.4	30	-1	13	-1	73	0	46	26	139
MIDDLE EGYPT: CAIRO ALMÂZA	01	7	04	3	0	4	2	12.6	30.7	33	01	7	06	4	1	4	6	14.6	—	21.1	32	—	15	—	69	0	52	—	141
CAIRO EZBEKIYA	01	8	02	3	·1	5	2	11.4	30.8	36	05	6	32	3	1	5	8	13.6	-0.1	20.0	32	+1	14	-2	75	0	46	25	—
CAIRO GÎZA	01	8	02	4	1	4	2	10.8	29.9	27	05	7	02	3	1	4	8	13.6	-0.1	19.7	31	0	12	-1	65	0	46	25	—
HELWÂN	01	7	32	6	0	3	1	10.3	31.8	26	01	7	02	6	0	4	1	12.3	-1.1	23.8	33	+2	17	+1	38	0	54	28	143
SUEZ	00	9	30	1	0	0	—	10.0	30.3	23	00	9	30	2	0	0	—	13.5	+0.3	23.0	31	+1	17	0	64	0	37	16	144
UPPER EGYPT: FAIYUM	01	8	02	3	1	4	4	9.8	32.0	19	01	8	32	4	1	4	4	12.3	-0.9	22.6	33	+1	16	+1	56	0	75	8	153
MINYA	00	9	28	2	1	2	3	10.8	31.0	28	01	8	32	2	1	4	2	11.8	-0.9	21.2	35	+2	16	0	64	0	1	—	154
ASYÛT	00	8	26	1	0	0	—	9.2	34.8	11	01	7	26	1	1	3	2	11.8	-0.7	22.0	36	+2	15	-2	50	0	14	4	155
QENA	00	9	26	2	0	0	—	7.2	38.6	12	00	7	22	2	0	0	—	9.5	-1.7	28.9	40	+3	19	0	29	0	20	—	156
LUXOR	00	7	32	1	0	0	—	8.0	39.2	12	00	7	12	1	0	0	—	10.0	—	29.0	42	—	17	—	19	0	tr.	—	157
ASWÂN	00	9	32	1	0	0	—	6.6	37.0	03	00	9	00	0	0	0	—	8.8	-2.4	24.0	39	+1	22	0	18	0	dr.	—	158
WESTERN DESERT: SIWA	00	8	10	3	0	0	—	13.5	32.5	39	00	7	00	0	0	0	—	14.0	-0.7	23.0	34	+2	17	+2	38	0	5	8	148
BAHARIYA	00	9	00	0	0	0	—	12.3	33.0	34	01	9	00	0	1	4	—	13.4	-0.4	—	36	—	—	—	—	0	7	—	149
KHARGA	00	9	32	3	0	0	—	9.4	36.2	14	00	9	32	3	0	0	—	10.8	-1.1	26.2	37	+1	15	-4	41	0	4	—	151
DÂKHLA	00	9	04	1	0	0	—	9.8	34.5	11	00	8	28	1	0	0	—	11.9	-0.8	25.0	37	0	17	0	30	0	tr.	—	152
RED SEA: TÔR	00	7	28	2	0	0	—	10.8	29.4	51	00	7	28	2	0	0	—	10.2	-1.1	21.9	31	+1	16	-3	94	0	3	13	145
HURGHÂDA	00	9	30	4	0	0	—	10.7	29.5	22	00	9	30	4	0	0	—	11.2	-0.3	24.0	30	-1	13	-5	63	0	8	—	146
QUŞEIR	00	8	32	3	0	0	—	9.0	26.4	58	00	8	28	2	0	0	—	9.6	-1.5	24.2	29	-1	22	0	41	0	20	—	147
PORT SUDAN																										0	90	96	169
NORTH SUDAN: WÂDI HALFA	00	8	30	2	0	0	—	5	38	06	00	9	00	0	0	0	—	9		26					11	0	dr.	—	165
KAREIMA	00	8	28	1	0	0	—	4	40	06	00	8	23	1	1	0	—	8		28					14	0	tr.	1	166
'ATBARA	00	8	06	1	0	0	—	2	38	09	00	8	04	2	0	0	—	6		30					13	0	tr.	4	167
KHARTÛM																										0	tr.	5	168
KASSALA	01	8	04	1	0	3	8	98	42	17																0	18	13	170
CENTRAL SUDAN: WAD MEDANI	00	8	32	3	1	0	—	0	42	19	00	8	32	2	0	0	—	6		32					26	0	8	15	171
DUEIM																										0	4	15	173
RENK	00	9	24	3	0	0	—	1	39	14																—	—	58	182
ROSEIRES	00	7	28	2	0	0	—	2	39	38	00	7	14	2	1	0	—	7		35?					37	0	3	59	172
EL OBEID	01	8	02	2	1	4	2	2	39	07	00	8	30	3	0	3	1	7		24					17	0	6	20	174
EL FÂSHER	01	8	12	2	1	5	2	—	37	14	00	8	00	0	0	0	—	—		24					22	0	5	7	175
GENEINA	00	8	04	2	1	0	—	—	39	14	00	8	04	1	0	1	6,1	—		26					08	—	—	9	179
KADUGLI	01	8	16	3	1	4	4	3	40	24																—	—	112	187
S. SUDAN: MALAKÂL	21	8	28	1	5	5	7	3	37	33	02	—	20	1	1	6	4	9		28					52	tr.	52	130	176
WAU	02	9	00	0	1	6	9,4	5	38	31	02	8	00	0	1	8	4	9		25					70	0	193	249	177
JUBA	02	8	20	4	1	6	8,4	8	34	41	02	8	08	3	1	6	2	10		28					56	0	229	325	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 4th الرياح العليا يوم ٤

SALÛM	MATRÛH	DIKHEILA	PORT SAÎD	HELWÂN	MINYA	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 3rd	Diff. from normal	Wet Bulb Temp °C on 3rd	Diff. from normal
Alexandria	77	+8	17.8	+0.8
Ezbekiya	62	+11	17.7	+0.5
Giza	59	+6	17.0	+0.1
Helwân	52	+13	16.9	+1.6

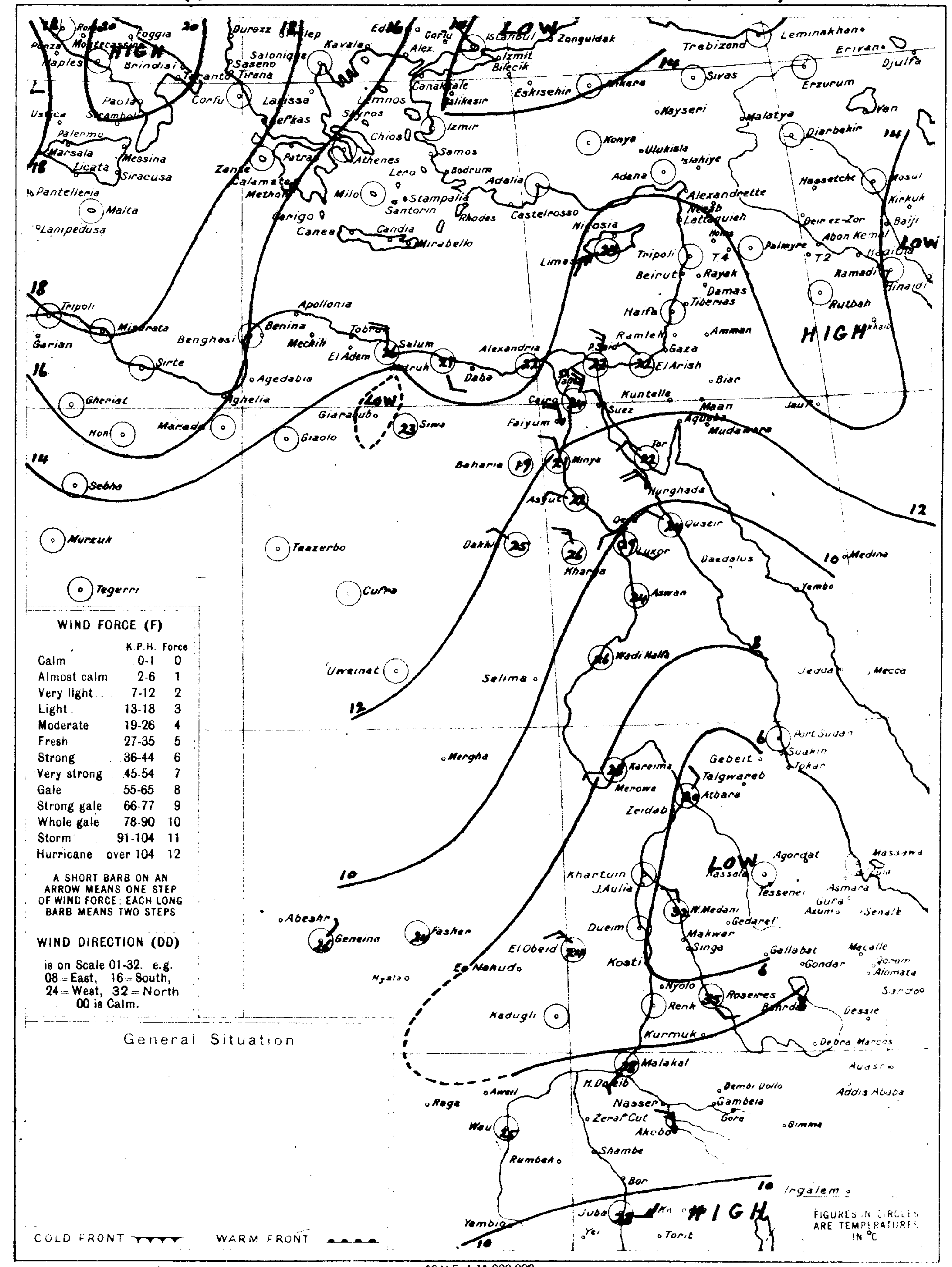
Gîza Grass minimum on 4th 11.2 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
4 - 5	984	984
3 - 5	984	984

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		12.39	-1.09	12.40	-1.08
Nasser				4.93	-0.74
Malakal		9.46	-0.62	9.48	-0.60
Roseires		11.03	-0.41	11.05	-0.38
Sennâr Res		15.34	—	15.39	—
J. Aulia U.S	٥			370.72	—
J. Aulia D.S	١			370.68	-0.20
Khartum	٤	9.57	-0.69	9.59	-0.67
Kh. el Girba					
'Atbara		9.91	-0.09	9.93	-0.07
Kajnarti		132.12	+0.27	132.17	+0.32
Aswân Res.		119.48	—	119.52	—
Aswân D.S.		85.29	-0.34	85.27	-0.36
Roda (Cairo)		16.20	+0.71	16.18	+0.69

Isobars, Wind and Temperature at 8 h. 4 - 5 - 1945 ١٩٤٥-٥-٤



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 4th — الساعة ٨ يوم ٤

Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Max Diff from norm °C	Min Today °C mm	Min Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	0	—	10.4	—	24.4	37	—	15	—	46	0	16	—
Limassol	01	9	22	3	1	4	—	13.2	+0.5	24	—	—	—	—	—	0	623	448

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 21.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h 05 m 09
Sunset 18 35

Month *May* 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Station	14 h. on 4th (الساعة ١٤ يوم ٤) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8 h. on Saturday 5th (الساعة ٨ يوم السبت ٥) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALÛM	01	6	18	4	1	4	1	13.9	25.1	—	00	7	04	1	0	0	—	15.1	—	19.1	29	—	—	—	86	0		—	130
MATRÛH	02	8	10	1	2	7	9	14.0	27.5	35	03	8	28	1	2	8	8	15.8	+1.7	17.5	28	+4	17	+2	95	0	103	159	131
DIKHEILA																						—		—				—	150
ALEXANDRIA	02	9	06	2	2	6	4	14.8	24.5	60	01	9	00	0	1	4	2	15.1	+1.0	23.0	25	0	19	+2	62	0	254	184	132
DAMIETTA	02	8	32	3	1	6	4	13.5	23.9	60	00	7	04	2	1	2	2	14.2	—	23.8	25	—	16	—	54	0	100	104	159
PORT SAÎD	02	8	32	3	2	7	4	13.2	24.0	66	01	8	04	2	1	4	2	13.8	+1.0	22.6	26	+1	18	+2	62	0	83	78	134
EL 'ARÎSH	00	9	28	1	0	0	—	12.5	23.0	70	00	9	20	1	0	0	—	13.1	-0.6	24.5	25	-1	14	0	57	0	248	92	135
LOWER EGYPT																													
DAMANHÛR	02	6	04	3	2	6	2	13.9	29.0	35	00	6	32	2	1	0	—	13.9	0.0	22.3	31	+2	17	+3	62	0	128	99	136
MANṢÛRA	01	7	32	2	1	4	8	13.4	30.0	30	01	7	04	1	1	3	8	14.2	—	24.5	32	+2	17	+3	51	0	61	53	137
TANTA	02	8	32	3	2	7	5	12.6	31.0	27	00	8	00	0	0	0	—	14.3	+0.2	24.0	32	+1	14	0	48	0	58	41	138
ZAGÂZÎG	02	6	32	3	1	5	8	13.2	31.8	21	01	7	32	2	1	4	1	15.2	+1.1	21.9	32	0	14	0	66	0	46	26	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	02	8	04	3	1	6	2	13.8	32.2	29	00	8	05	4	0	1	3	14.2	—	25.0	33	—	16	—	38	0	52	—	141
CAIRO EZBEKIYA	02	8	02	3	1	7	2	11.4	32.3	26	05	6	02	2	0	1	1	13.6	0.0	24.3	33	+2	15	-1	41	0	46	25	—
CAIRO GÎZA	02	8	02	4	1	6	2	11.4	32.1	25	05	7	02	2	1	4	1	13.8	+0.2	22.5	32	+1	14	+1	51	0	46	25	—
HELWÂN	02	7	32	5	1	6	1	10.7	33.2	11	00	7	02	4	0	2	1	13.0	-0.3	25.5	34	+3	19	+3	22	0	54	28	143
SUEZ	14	8	30	4	2	7	1	10.6	33.2	29	00	9	30	1	0	0	—	13.5	+0.4	26.0	35	+4	17	-1	44	0	37	16	144
UPPER EGYPT																													
FAIYÛM	02	8	32	4	2	6	4	10.4	34.3	12	00	8	32	4	0	0	—	12.6	-0.6	19.8	35	+3	17	+1	58	0	75	8	153
MINYA	02	9	32	3	1	5	2	10.0	35.4	25	00	8	32	2	1	0	—	11.4	-1.2	20.9	37	+4	16	0	49	0	1	—	154
ASYÛT	01	8	28	1	1	5	2	8.3	38.0	16	00	7	22	1	0	0	—	11.0	-1.5	23.2	40	+6	17	0	38	0	14	4	155
QENA	01	8	22	2	0	4	1	—	41.0	14	00	8	24	1	0	0	—	9.8	-1.3	25.4	42	+5	20	+1	37	0	20	—	156
LUXOR	00	7	30	2	0	0	—	7.1	41.0	12	00	7	26	2	0	0	—	10.3	—	29.3	42	—	19	—	25	0	tr	—	157
ASWÂN	00	9	32	1	0	0	—	5.6	41.0	05	00	9	32	1	0	0	—	9.1	-2.0	29.8	41	+3	25	+3	15	0	dr		158
WESTERN DESERT																													
SÎWA	00	8	08	2	0	0	—	14.8	36.5	36	00	7	00	0	0	0	—	14.2	-0.5	24.5	37	+4	19	+4	36	0	5	8	148
BAHARÎYA	00	9	00	0	0	0	—	11.8	36.0	25	00	9	00	0	0	0	—	13.6	-0.1	25.0	37	—	18	—	47	0	7	—	149
KHARGA	00	9	32	3	0	0	—	8.6	37.7	18	00	9	08	1	0	0	—	9.9	-1.9	28.0	39	+2	20	+1	37	0	4		151
DAKHLA	00	9	32	2	0	0	—	9.2	36.7	10	00	8	28	2	0	0	—	10.6	-2.1	27.0	38	+1	20	+3	26	0	tr	—	152
RED SEA																													
TÔR	00	6	28	2	0	0	—	8.8	27.4	75	00	6	28	2	0	0	—	8.8	-2.4	23.3	33	+3	21	+2	82	0	3	13	145
HURGHÂDA	02	7	32	2	2	5	1	10.3	30.0	16																	8		146
QUṢEIR	00	8	30	2	0	0	—	8.4	27.0	49	00	8	32	2	0	0	—	10.4	-0.7	23.8	28	-2	21	-1	47	0	20		147
PORT SUDAN																										0	90	96	169
NORTH SUDAN																													
WÂDI HALFA	00	9	30	2	0	0	—	6	39	05	00	9	32	1	0	?	..	8		27					17	0	dr	—	165
KARÉIMA	00	8	32	2	0	0	—	3	42	05	00	8	00	0	0	0	—	7		28					14	0	tr	1	166
'ATBARA	00	8	32	1	0	0	—	1	41	07	00	8	04	2	0	0	—	6		30					13	0	tr	4	167
KHARTÛM																										0	tr	5	168
KASSALA	00	9	28	2	0	0	—	2	40	11	00	8	16	3	0	0	—	4		34					25	0	18	13	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	16	3	0	0	—	1	42	12	00	9	22	1	0	0	—	—		34					06	0	8	16	171
DUEIM																										0	4	16	173
RENK	00	9	01	6	3	0	—	3	41	22	00	9	20	3	0	0	—	7	—	32		—		—	41	0		59	182
ROṢEIRES											00	7	14	2	0	0	—	6		33					41	0	3	60	172
EL OBEID	00	8	02	2	0	0	—	2	40	11	00	9	16	2	0	3	1	7		29					14	0	6	20	174
EL FÂSHER	01	8	00	0	1	5	4	—	42	13	01	9	28	2	0	4	—	—		23					11	0	5	8	175
GENEINA	00	8	10	1	0	0	—	—	38	11	01	9	04	1	1	3	1	—		24					—	0		9	179
KADUGLI	01	8	02	2	1	4	5	3	39	23	01	8	24	2	0	4	1	8		31					43	0		113	187
S. SUDAN																													
MALAKÂL											00	8	22	3	1	3	4	8		29					55	0	52	132	176
WÂU	01	8	00	0	1	4	8,4	5	36	33	01	8	00	0	1	4	4	7		24					84	13	206	253	177
JÛBA	02	8	10	3	2	5	8,4	7	35	35	02	8	16	4	1	5	4	12		27					66	0	229	330	178

UPPER WINDS ON 5th الرياح العليا يوم ٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWÂN 8 h. 15 m.	MINYA h. m.	ASYUT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	KARÉIMA (El Fasher) 7 h. m.	KHARTÛM (Geneina) 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKÂL 7 h. m.	JÛBA 7 h. m.
				02 04 35		02 34 10	02 04 15	10 05 40	10 36 20	10 04 30	10 25 05	10 30 15	10 24 30	10 19 25
				05 04 25		05 02 20	05 07 30	15 04 35	15 07 35	15 08 35	15 26 05	15 30 20	15 21 30	15 18 30
				08 05 60		10 02 20	10 10 25	20 04 30	20 11 05	20 08 25	20 33 05	20 29 20	20 23 20	20 13 10
				10 04 80		15 02 25	15 05 30	30 05 15	25 09 05	25 10 25			30 01 20	25 10 20
				15 36 35		20 03 30		40 03 20	30 27 05	30 14 10			40 36 50	30 11 25
				20 36 35		30 35 40		45 03 15	40 30 20	40 21 10			45 01 25	40 07 20
									45 30 10				50 04 20	45 08 20
													60 09 25	50 04 30
													70 10 15	55 06 20
													75 07 10	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 4th	Diff. from normal	Wet Bulb Temp °C on 4th	Diff. from normal
Alexandria	74	+4	18.9	+1.8
Ezbekîya	54	+4	17.5	+0.2
Gîza	51	-1	17.1	+0.1
Helwân	29	-9	15.8	+0.4

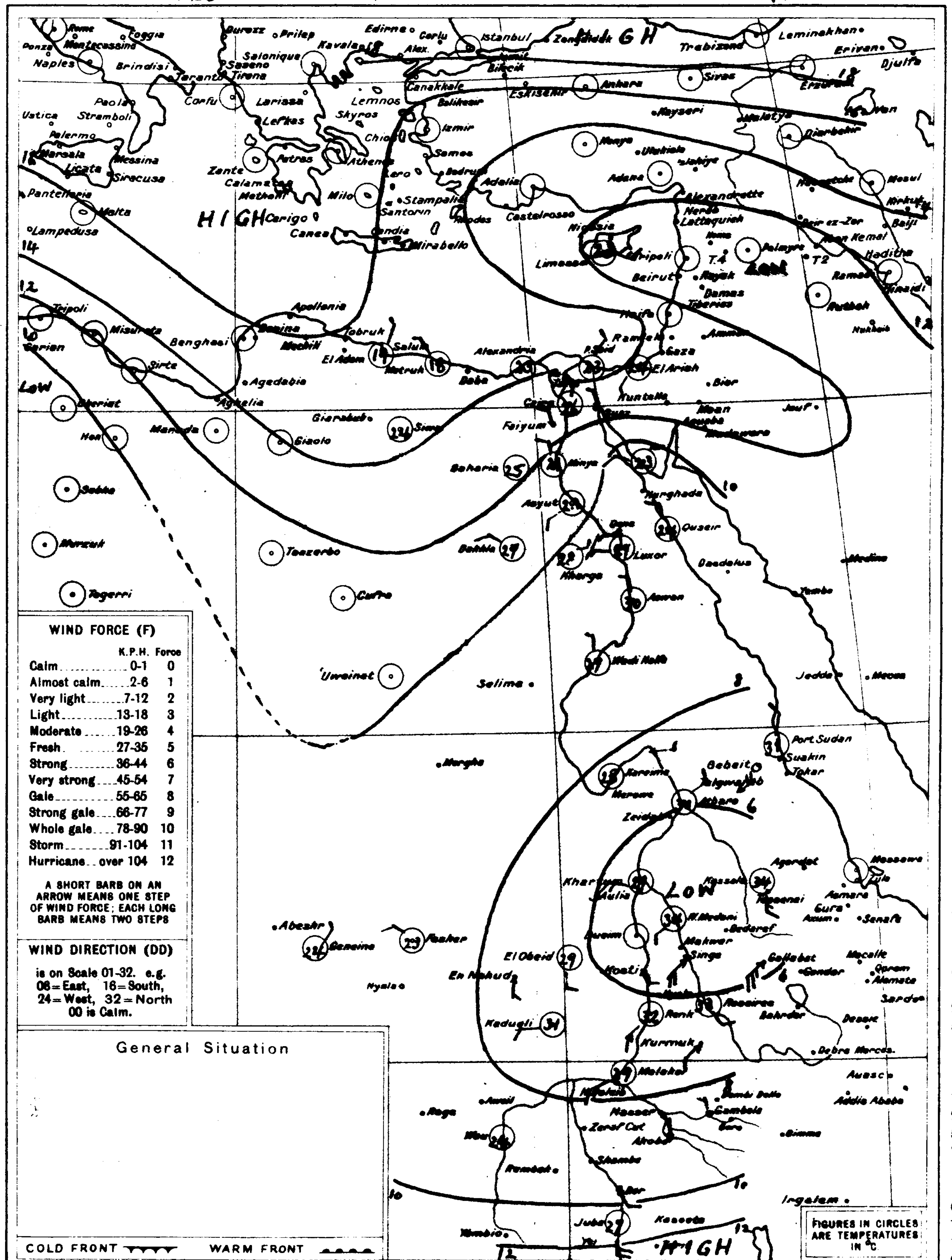
Gîza Grass minimum on 5th 12.0 °C

Discharges at Aswân measured by sluices m³ per sec.

DATE	1945	1944
5-5	984	1042
4-5	984	984

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.39	-1.09
Nâsser	٥				
Malakâl				9.46	-0.62
Roṣeires				11.03	-0.41
Sennâr Res				15.34	—
J. Aulia U.S					
J. Aulia D S					
Khartûm				9.57	-0.69
Kh. el Girba					
'Atbara				9.91	-0.09
Kajnarti	٤			132.12	+0.27
Aswân Res.		119.43	—	119.48	—
Aswân D.S.		85.29	-0.35	85.29	-0.34
Rôda (Cairo)		16.20	+0.71	16.20	+0.71

١٩٤٥ - ٥ - ٥ Isobars, Wind and Temperature at 8 h. 5-5-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

STATION سـتـيـشـن	At 8 h. on 5th (الساعة ٨ يوم ٥) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Nag Hamadi	00	8	00	0	0	0	—	9.9	—	25.3	40	—	17	—	40	0	16	
Limassol	09	6	10	3	1	0	—	12.0	-0.7	23	—	—	—	—	—	0	633	448
SHIPS سفن																		

Remarks

Water Tempt. River Nile Cairo 21.7 C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h 05 m 01
Sunset 18 35

Month May 1945 ١٩٤٥ مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 5 D الساعة ١٤ يوم ٥ — At 8 h. on Sunday 6 D الساعة ٨ يوم ٦

Region	STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press M.S.L. 1000+ mbs PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALÛM	01	8	04	2	1	4	1	15.2	20.2	86	02	6	06	3	2	6	6	12.4		18.2	22	—	11	—	97	0	—	—	130
	MATRÛH	02	9	2?	1	1	5	8	15.0	19.5	86	00	9	12	1	0	0	-	14.6	+0.5	21.5	22	-2	17	+2	70	0	103	159	131
	DIKHEILA																						—		—					150
	ALEXANDRIA	00	9	00	0	0	0	-	14.2	26.0	47	00	9	04	2	0	0	-	13.5	-0.8	22.8	28	+3	19	+2	15	0	254	185	132
	DAMIETTA	00	6	28	4	1	0	-	13.5	25.6	50	00	6	02	1	0	0	-	13.2		22.2	29	—	17	—	72	0	100	104	159
	PORT SAÏD	00	6	30	3	0	0	-	13.1	25.8	69	08	8	02	2	0	0	-	13.0	+0.2	21.8	26	+1	18	+2	70	0	83	78	134
	EL 'ARÎSH	00	9	30	1	0	0	-	11.1	25.3	56	00	9	30	1	0	0	-	13.6	-0.1	23.3	26	-0	12	-2	58	0	248	92	135
LOWER EGYPT	DAMANHÛR	00	6	04	3	0	0	-	13.4	31.6	35	00	6	04	3	0	0	-	13.1	-0.6	23.3	32	+3	15	+1	52	0	128	99	136
	MANṢÛRA	00	8	04	2	1	0	-	13.1	33.0	16	00	8	04	1	0	0	-	13.5		24.2	35	+5	15	0	56	0	61	53	137
	TANTA	00	8	00	0	0	0	-	12.2	33.4	24	00	8	00	0	0	0	-	13.2	-0.9	22.8	34	+3	13	-1	62	0	56	41	138
	ZAGÂZÎG	00	7	32	2	0	0	-	12.4	32.4	24	00	7	32	2	0	0	-	13.2	-0.9	22.6	33	+2	15	+1	56	0	46	26	139
MIDDLE EGYPT	CAIRO ALMÂZA	00	8	02	4	0	0	-	13.1	33.8	28	00	7	03	2	0	0	-	13.3		26.1	34	—	15	—	37	0	52	—	141
	CAIRO EZBEKIYA	00	8	02	3	0	0	-	12.4	33.3	15	05	6	00	0	0	0	-	12.8	-0.8	25.4	35	+4	16	0	40	0	46	25	—
	CAIRO GÎZA	00	8	02	3	0	0	-	11.9	34.7	14	05	6	00	0	0	0	-	12.4	-1.2	23.1	35	+4	14	+1	43	0	46	25	—
	HELWÂN	00	8	02	4	0	0	-	11.2	34.8	08	05	6	32	1	0	2	1	12.3	-1.0	24.9	35	+4	18	+2	28	0	54	28	143
	SUEZ	00	9	02	2	0	0	-	11.9	31.3	31	00	9	02	2	0	0	-	12.6	-0.5	25.8	35	+4	20	+2	48	0	37	16	144
UPPER EGYPT	FAIYÛM	00	8	32	4	0	0	-	10.7	34.8	10	01	8	02	2	1	3	1	11.9	-1.2	24.8	35	+3	16	0	31	0	75	8	153
	MINYA	00	9	02	3	0	0	-	9.8	36.5	21	00	9	32	1	0	0	-	10.8	-1.8	25.0	38	+5	18	+2	47	0	1	—	154
	ASYÛT	01	7	26	1	1	3	2	7.8	38.0	10	00	7	22	1	0	0	-	10.6	-1.8	26.5	40	+6	19	+1	30	0	14	4	155
	QENA	00	9	22	2	0	0	-	7.1	41.6	14	00	8	02	2	0	0	-	9.4	-1.6	30.2	43	+6	25	+6	20	0	20	—	156
	LUXOR	00	7	32	2	0	0	-	7.2	40.9		00	7	30	2	0	0	-	10.3		30.0	43	—	21	—	25	0	tr	—	157
	ASWÂN	00	9	04	2	0	0	-	4.8	42.0	09	00	9	02	1	0	0	-	8.3	-2.8	30.0	42	+4	25	+3	24	0	tr	—	158
WESTERN DESERT	SÎWA	00	8	04	2	0	0	-	13.8	36.5	23	00	7	08	3	0	0	-	11.6	-3.0	24.0	37	+4	21	+6	53	0	5	8	148
	BAHARIYA	00	9	00	0	0	0	-	11.2	36.8	34	00	9	00	0	0	0	-	13.0	-0.7	24.5	38	—	19	—	50	0	7	—	149
	KHARGA	00	9	32	2	0	0	-	8.2	37.8	12	00	9	32	3	0	0	-	9.2	-2.5	31.0	40	+3	25	+6	25	0	4	—	151
	DAKHLA	00	9	04	1	0	0	-	7.9	39.5	2?	00	8	12	1	0	0	-	9.5	-3.1	32.0	41	+4	24	+6	21	0	tr	—	152
RED SEA	TOR	00	6	28	2	0	0	-	8.3	27.9	70	00	6	26	1	0	0	-	10.3	-0.8	24.8	30	0	18	-1	77	0	3	13	145
	HURGHADA											00	9	02	4	0	0	-	11.8	+0.4	27.0	32	+1	20	+1	38	0	8	—	146
	QUṢEIR	00	8	32	2	0	0	-	9.4	26.2	8?	00	8	28	2	0	0	-	11.4	+0.1	23.8	28	-2	21	-1	51	0	20	—	147
	PORT SUDAN																										0	90	96	169
NORTH SUDAN	WÂDI HALFA	00	8	28	3	0	0	-	4	41	08	00	8	04	1	0	0	-	7		28					15	0	tr	—	165
	KAREIMA	00	8	24	2	0	0	-	3	42	01	00	8	06	1	0	0	-	6		31					09	0	tr	1	166
	'ATBARA	00	8	04	1	0	0	-	0	42	08	05	5	06	2	4	0	-	5		32					10	0	tr	4	167
	KHARTÛM																										0	tr	5	168
	KASSALA	01	8	24	2	0	4	8	99	42	12	00	7	28	4	0	0	-	3		37					16	0	16	14	170
CENTRAL SUDAN	WAD MEDANI	00	8	30	4	0	0	-	99	42		08	4	16	3	4	0	-	5		33					14	0	8	16	171
	DUEIM																										0	4	16	173
	RENK	00	9	16	3	0	0	-	1	41	18	00	9	20	3	0	0	-	6	—	32		—		—	36	—	—	60	182
	ROSEIRES	00	7	22	2	0	0	-	2	40	20	00	7	20	2	0	0	-	6		36					24	0	3	63	172
	EL OBEID	00	9	00	0	0	2	1	1	39	09	00	9	16	2	0	0	-	7		32					10	0	6	21	174
	EL FÂSHER	01	9	12	2	1	5	2	-	37	07	01	9	30	2	0	4	1	-		29					29	0	5	8	175
	GENEINA	01	8	18	1	1	3	8	-	38	09	01	8	00	0	1	4	1	-		26					13	—	—	10	179
	KADUGLI	01	8	04	3	0	3	2	1	39	16	00	8	20	3	0	3	5	7		32					43	—	—	114	187
S. SUDAN	MALAKÂL	02	8	16	1	1	5	8	3	33	27	01	8	18	5	1	3	1	8		30					55	0	52	134	176
	WÂU	01	8	08	1	1	4	8,4	6	32	59	02	8	16	3	1	6	2	9		26					70	0	206	257	177
	JUBA	01	8	20	3	1	4	8,4	6	36	35	02	8	18	2	1	7	6,8	12		24					74	22	251	335	178

UPPER WINDS ON 6 D — الرياح العليا يوم ٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h m	MATRÛH h m	DIKHEILA h m	PORT SAÏD h m	HELWÂN h m	MINYA h m	ASYÛT h m	ASWÂN h m	WÂDI HALFA 7 h m	KAREIMA 7 h m	KHARTÛM h m	KASSALA 7 h m	EL OBEID 7 h m	MALAKÂL 7 h m	JÛBA 7 h m
								10 06 32	10 05 20		10 28 25	10 04 20	10 22 30	10 17 15
								15 08 40	15 07 25		15 30 30	15 03 30	15 23 45	15 16 30
								20 07 25	20 13 19		20 30 20	20 01 15	20 28 05	20 17 25
								30 08 30	30 11 15		30 30 15	30 25 05	30 36 15	30 16 25
								40 03 35	40 27 15		40 35 25	40 17 05	35 36 20	40 18 10
									50 14 30					45 21 10

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 5 D	Diff. from normal	Wet Bulb Temp °C on 5 D	Diff. from normal
Alexandria	63	-7	18.0	+0.7
Ezbekiya	29	-21	16.5	-0.9
Giza	36	-16	17.2	+0.1
Helwân	13	-25	15.0	-0.5

Giza Grass minimum on 6 D 10.6 °C

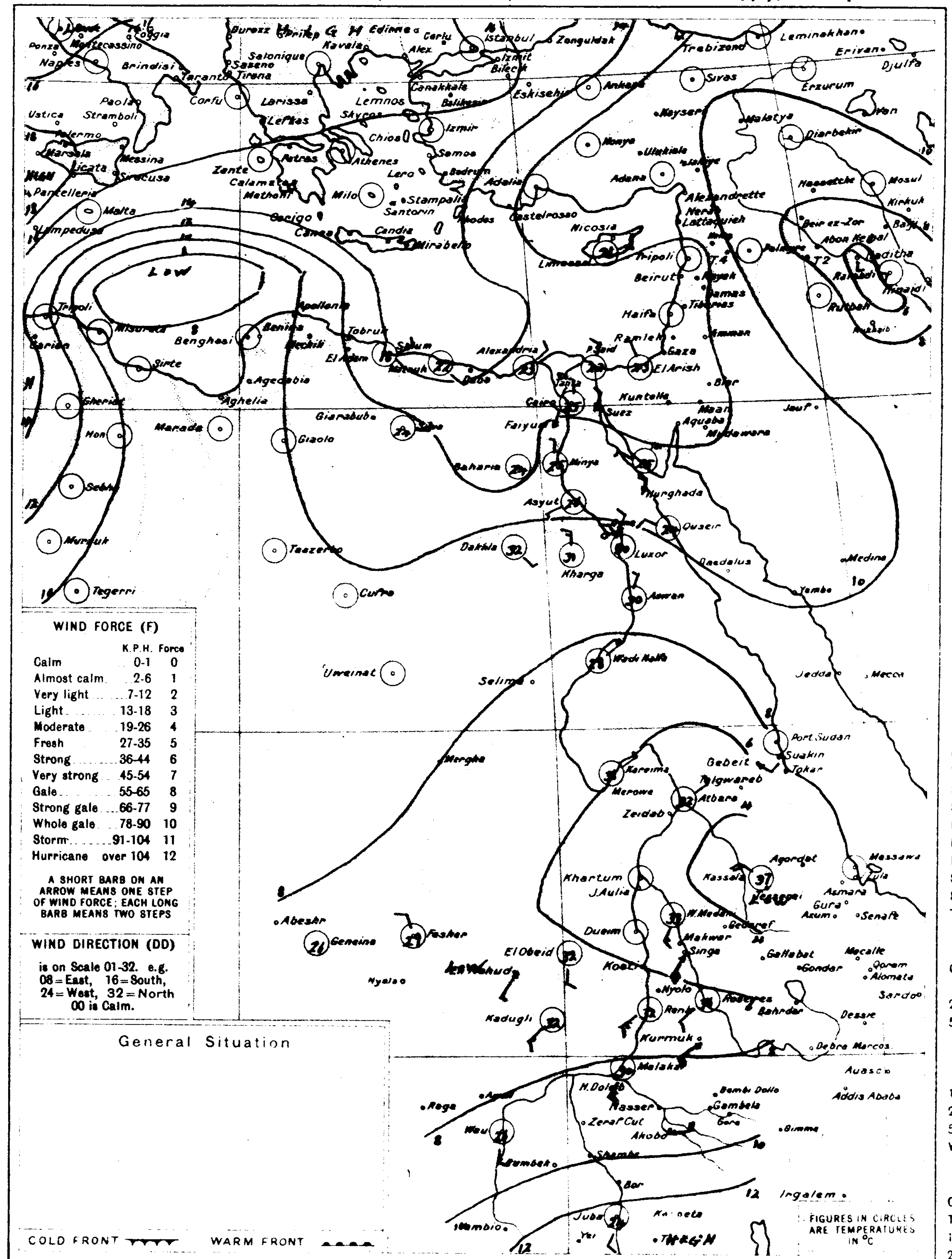
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
6 - 5	984	1042
5 - 5	984	1042

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		12.08	-0.93	12.31	-1.09
Nasser		4.89	-0.90	4.89	-0.90
Malakal	6	9.44	-0.64	9.45	-0.63
Roseires		11.00	-0.47	11.02	-0.45
Sennâr Res.		15.33		15.32	
J. Aulia U.S.				370.71	
J. Aulia D.S.				370.17	-0.21
Khartûm		9.54	-0.73	9.54	-0.73
Kh. el Girba					
'Atbara		9.85	-0.15	9.88	-0.12
Kajnarti	6	131.99	+0.14	132.07	+0.22
Aswân Res.		119.36		119.43	
Aswân D.S.		85.29	-0.35	85.29	-0.35
Rôda (Cairo)		16.24	+0.76	16.20	+0.71

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

Isobars, Wind and Temperature at 8 h. ٦/٥/١٩٤٥ 6.5.1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 6 D الساعة ٨ يوم ٦

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	0	-	10.8	—	28.0	40	—	18	—	39	0	16	—
Nimuzel	09	7	06	2	4	3	-	10.7	-2.0	21	—	—	—	—	—	0	633	449

SHIPS سفن

Remarks

Water Temp.
R. Nile Cairo
22.0 °C

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO

Time of Sunrise h 05 m 47
Sunset 18 36

Month MAY, 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h on 6th — الساعة ١٤ يوم ٦ | At 8 h on MONDAY 7th — الساعة ٨ يوم الاثنين ٧

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar Press M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff from norm °C	Minimum Today °C mm	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM	01	6	04	3	1	5	8	12.7	21.1	86	03	6	02	4	2	8	5	11.6	—	19.7	23	—	—	—	90	0	—		130
MATRUH	00	9	08	1	1	3	8	14.3	22.5	78	01	9	08	3	1	4	8	11.0	-3.1	21.1	24	0	17	+2	99	0	103	159	131
DIKHEILA																													150
ALEXANDRIA	01	9	10	3	2	4	2	12.6	24.2	66	01	8	12	1	2	4	4	11.2	-2.8	24.0	25	+2	18	+1	53	0	254	185	132
DAMIETTA	00	7	02	2	0	1	5	12.6	24.6	62	01	6	10	2	1	3	5	11.5	—	23.5	26	—	19	—	75	0	100	104	159
PORT SAID	00	8	02	2	0	0	—	12.6	24.3	60	02	8	02	3	2	5	1	11.0	-1.8	22.4	26	+1	20	+3	70	0	83	78	134
EL 'ARISH											00	9	00	0	0	0	—	10.4	-3.2	22.7	29	+3	15	+1	45	0	248	92	135
LOWER EGYPT																													
DAMANHUR	00	6	04	3	0	0	—	13.2	30.2	35	00	6	04	4	0	0	—	10.7	-3.2	22.8	32	+3	16	+2	64	0	128	99	136
MANSURA	00	8	32	2	0	0	—	12.2	31.4	28	01	7	04	2	1	4	8	11.5	—	24.5	33	+3	17	+2	49	0	61	53	137
TANTA	00	8	00	0	0	0	—	—	33.0	30	01	8	08	2	1	5	4	11.0	-3.1	24.0	33	+2	16	+2	53	0	58	41	138
ZAGAZIG	00	7	28	3	0	0	—	12.3	32.1	30	01	7	04	2	1	4	1	11.1	-3.0	23.8	34	+3	17	+3	52	0	46	26	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	03	3	0	0	—	12.0	33.8	15	02	7	07	4	1	5	1	10.0	—	31.0	34	—	21	—	13	0	52	—	141
CAIRO EZBEKIYA	00	8	02	3	0	0	—	11.1	34.0	27	05	6	00	0	0	5	1	9.6	-3.9	31.4	35	+4	19	+3	18	0	46	25	—
CAIRO GIZA	00	8	04	3	0	0	—	10.0	33.7	27	05	6	00	0	1	5	1	9.1	-4.5	25.2	34	+3	15	+2	44	0	46	25	—
HELWAN	01	7	32	4	1	4	1	10.0	34.1	15	05	7	06	6	1	4	1	8.4	-4.9	32.0	35	+4	22	+5	10	0	54	28	143
SUEZ	00	9	02	1	0	0	—	11.0	33.6	36	00	9	00	0	0	0	—	11.5	-1.5	27.3	35	+4	19	+1	48	0	37	16	144
UPPER EGYPT																													
FAIYUM	01	8	32	4	1	4	2	9.5	35.3	—	02	8	00	0	2	5	2	9.2	-3.9	26.6	36	+4	18	+2	31	0	75	8	153
MINYA	01	9	32	3	1	4	2	8.0	38.4	17	01	9	02	2	1	3	1	8.8	-3.7	26.2	38	+5	18	+2	43	0	1	—	154
ASYUT	00	8	28	1	0	0	—	7.5	39.1	12	00	7	00	0	0	0	—	8.8	-3.6	28.0	40	+6	19	+1	40	0	14	4	155
QENA	00	9	22	2	0	0	—	6.2	41.0	15	00	8	12	2	0	0	—	9.6	-1.4	30.9	43	+6	25	+6	38	0	20		156
LUXOR	00	7	30	2	0	0	—	6.4	41.5	18	00	7	24	1	0	0	—	9.2	—	34.0	43	—	26	—	22	0	tr.		157
ASWAN	00	9	32	1	0	0	—	3.9	42.0	10	00	9	32	1	0	0	—	7.4	-3.7	29.4	42	+4	26	+4	22	0	tr.	—	158
WESTERN DESERT																													
SIWA	00	8	04	5	0	0	—	10.8	36.0	42	03	7	04	2	2	8	5	8.3	-6.3	24.6	38	+5	21	+6	56	0	5	8	148
BAHARIYA	00	9	08	1	0	0	—	9.8	38.0	31	00	9	08	1	0	0	—	9.6	-4.1	26.0	38		22		42	0	7		149
KHARGA	00	9	04	2	0	0	—	7.1	39.8	13	00	9	04	2	0	0	—	7.9	-3.8	32.0	40	+3	28	+8	15	0	4	—	151
DAKHLA	00	9	08	2	0	0	—	6.6	41.0	26	00	8	04	1	0	0	—	7.8	-4.8	29.0	42	+5	23	+5	29	0	tr.		152
RED SEA																													
TOR	00	6	28	1	0	0	—	8.4	30.8	61	00	6	28	1	0	0	—	8.7	-2.4	27.6	32	+2	18	-1	54	0	3	13	145
HURGHADA	01	8	28	4	1	4	8	10.4	30.0	44	00	9	06	3	0	0	—	—	—	28.2	32	+1	19	0	27	0	8	—	146
QUSEIR	00	8	32	2	0	0	—	10.7	36.0	60	00	8	28	2	0	0	—	8.7	-2.4	27.6	32	+2	22	0	51	0	20	—	147
PORT SUDAN																										0	90	96	169
NORTH SUDAN																													
WADI HALFA	00	9	30	3	0	0	—	3	41	07	00	8	30	2	0	0	—	5		29					37	0	tr.	—	165
KAREIMA	00	8	24	2	0	0	—	1	43	06	00	8	04	2	0	0	—	6		29					11	0	tr.	1	166
ATBARA	00	7	32	1	0	2	8	1	42	11	00	8	08	2	0	0	—	5		32					29	0	tr.	4	167
KHARTUM																										0	tr.	5	168
KASSALA	01	8	00	0	0	4	9	99	42	14	18	6	04	5	1	4	4	5		34					29	tr	18	14	170
CENTRAL SUDAN																													
WAD MEDANI	00	7	32	4	4	3	8	99	43	07	01	8	22	5	1	5	1	5		33					23	0	8	16	171
DUEIM																										0	4	16	173
RENK	01	7	10	4	3	4	9	5	38	13	00	9	08	3	0	0	—	—		33					32	—	—	61	182
ROSEIRES	01	9	18	3	0	4	9	1	40	20	00	7	16	2	0	0	—	6		33					41	0	3	65	172
EL OBEID	00	9	20	1	0	2	8	1	39	14	00	9	18	3	0	1	4	5		25					54	0	6	21	174
EL FASHER	01	9	00	0	1	4	8,1	—	37	10	00	9	00	0	0	0	—	—		25					26	0	5	8	175
GENEINA	01	8	16	3	1	4	8,1	—	37	18	01	8	19	1	1	3	7	—		27					40	—	—	10	179
KADUGLI	02	8	28	2	1	5	4	4	38	25	01	8	21	2	1	4	1	6		31					43	—	—	115	187
S. SUDAN																													
MALAKAL	01	8	16	4	1	4	8	3	37	33																0	52	136	176
WAU	00	8	16	1	1	3	8,1	6	34	32																0	206	261	177
JUBA											02	8	18	2	1	5	4,5	11		27					66	0	251	340	178

UPPER WINDS ON 7th — الرياح العليا يوم ٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN h m	MINYA h m	ASYUT h m	ASWAN h m	WADI HALFA 7 h m	KAREIMA 7 h m	KHARTUM h m	KASSALA 7 h m	EL OBEID 7 h m	MALAKAL h m	JUBA h m
								03 08 05	07 07 20		10 01 45	10 21 30		
								10 10 25	10 06 35		15 01 40	15 22 35		
								15 07 20	15 03 20		20 34 40	20 36 20		
								20 05 05	20 24 05		25 31 30	25 01 35		
								25 33 05	25 22 15		35 33 25	35 35 25		
								35 33 10	35 23 30			40 06 10		
									40 22 20					
									45 24 10					
									50 31 20					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 6th	Diff. from normal	Wet Bulb Temp °C on 6th	Diff. from normal
Alexandria	77	+7	19.3	+1.9
Ezbekiya	35	-15	18.6	+1.1
Giza	34	-18	17.9	+0.7
Helwan	21	-17	16.2	+0.6

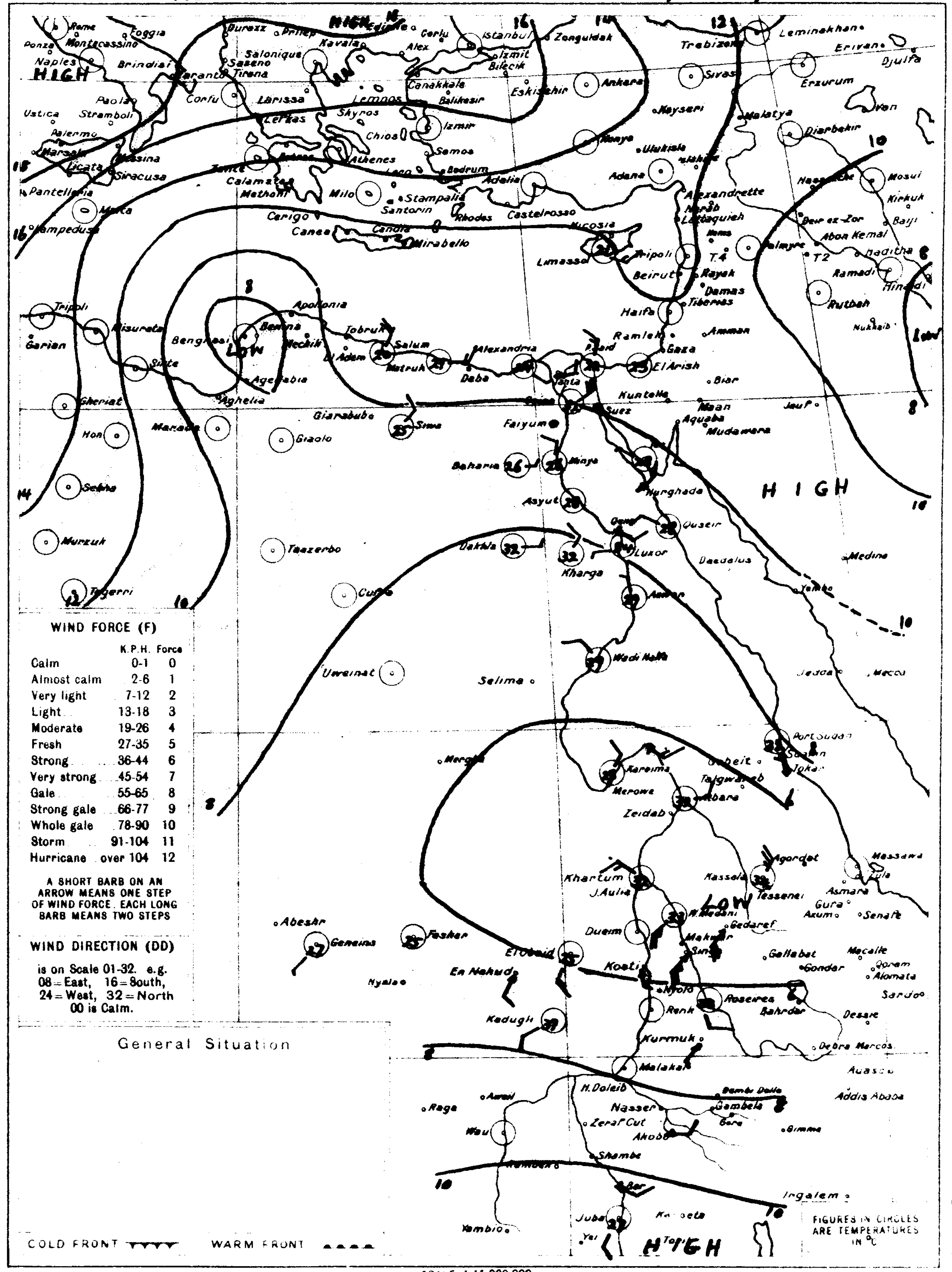
Giza Grass minimum on 7th 11.6 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1945	1944
7-5	984	1042
6-5	984	1042

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		12.55	-0.94	12.56	-0.93
Nasser		4.90	-0.98	4.89	-0.99
Malakal		9.42	-0.67	9.44	-0.64
Roseires		10.99	-0.58	11.00	-0.49
Sennar Res		15.32	—	15.33	—
J. Aulia U.S					
J. Aulia D.S					
Khartum		9.54	-0.73	9.54	-0.73
Kh. el Girba					
Atbara		9.84	-0.16	9.85	-0.15
Kajnarti		131.92	+0.06	131.99	+0.14
Aswan Res.		119.32	—	119.38	—
Aswan D.S.		85.29	-0.35	85.29	-0.35
Roda (Cairo)		12.27	+0.79	16.24	+0.76

Isobars, Wind and Temperature at 8 h. 7-5-1945 ١٩٤٥-٥-٧



General Situation

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

COLD FRONT — WARM FRONT

At 8 h. on 7th — الساعة ٨ يوم ٧

STATION محطة	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff from norm °C	Minimum Today °C mm	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hawadi	00	8	00	0	0	0	—	8.3	—	30.0	40	—	19	—	37	0	16	—
Limassol	09	7	10	3	2	8	—	11.6	-1.1	21	—	—	—	—	—	0	633	449
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 22.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, low Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 05 h. 07 m.
Sunset 18 h. 36 m.
Month *May* 1940 ١٩٤٠ *شهر مايو*

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on *7th* *٧* الساعة ١٤ يوم — At 8 h. on *TUESDAY 8th* *٨ الثلاثاء* الساعة ٨

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max Diff. from norm °C	Minimum Today °C mm	Min Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALÛM	03	6	06	3	2	8	5	10.2	20.8	78	01	7	28	4	1	5	7	4.3	—	23.8	22	—	13	—	61	dr		—	130
	MATRÛH	01	9	08	1	1	4	8	—	20.5	96	03	9	00	0	2	8	8	5.5	-8.6	23.0	24	0	19	+4	63	0	103	159	131
	DIKHEILA																						—		—					150
	ALEXANDRIA	02	8	10	3	2	5	2	9.0	24.2	54	03	7	08	4	2	8	5	6.4	-7.6	23.6	28	+3	20	+3	59	0	254	185	132
	DAMIETTA	01	7	04	3	1	4	5	10.8	27.2	36	02	7	06	2	2	7	6	7.6	—	22.2	28	—	19	—	74	0	100	104	159
	PORT SAÎD	01	8	02	3	1	4	2	10.3	24.7	65	02	8	04	4	2	7	5	7.1	-5.6	22.7	25	-1	21	+4	65	0	83	78	134
	EL 'ARÎSH	00	9	32	3	0	0	—	11.0	29.2	57	00	9	00	0	0	0	—	7.2	-6.4	23.8	32	+6	15	+1	42	0	248	92	135
LOWER EGYPT	DAMANHÛR	01	6	08	5	1	4	1	8.6	34.0	22	02	6	04	3	2	8	5	6.7	-7.2	23.6	34	+5	20	+6	62	0	128	99	136
	MANṢÛRA	01	8	02	2	1	4	8	10.0	33.2	18	01	7	02	2	1	4	6	7.6	—	24.5	34	+3	20	+5	60	0	61	53	137
	TANTA	01	8	08	6	1	4	4	9.2	34.0	24	02	8	00	0	2	8	6	6.8	-7.2	25.5	35	+4	19	+5	48	0	58	41	138
	ZAGÂZÎG	00	7	32	5	0	2	1	9.2	34.9	21	00	7	06	3	0	0	—	6.7	-7.3	25.2	35	+4	19	+5	41	0	46	26	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	05	6	06	5	0	2	1	8.3	38.1	10	01	7	05	2	1	5	4,5	6.2	—	31.2	39	—	23	—	27	0	52	—	141
	EZBEKÎYA	05	7	02	5	0	4	1	6.7	38.8	09	05	4	00	0	0	7	5	5.5	-8.0	29.1	39	+8	21	+5	30	0	46	25	—
	GÎZA	01	7	02	4	1	4	1	6.8	38.4	09	05	5	32	1	1	5	5	5.1	-8.5	28.9	39	+7	19	+6	50	0	46	25	—
	HELWÂN	05	7	06	1	0	0	—	5.9	38.6	09	01	6	00	0	1	5	4	4.8	-8.5	31.1	40	+9	20	+3	31	0	54	28	143
	SUEZ											00	9	00	0	0	0	—	6.6	-6.4	28.2	40	+9	20	+2	38	0	37	16	144
UPPER EGYPT	FAIYÛM	01	8	00	0	1	4	2	6.4	38.4	—	03	8	00	0	2	8	5	5.1	-8.0	28.0	41	+9	21	+5	32	0	75	8	153
	MINYA	01	9	16	1	1	4	2	4.7	41.2	—	02	8	12	2	2	6	2	5.0	-7.5	30.0	42	+9	25	+9	25	0	1	—	154
	ASYÛT	05	7	16	1	0	0	—	5.4	40.0	15	00	7	12	1	0	0	—	5.5	-6.9	30.5	42	+8	24	+6	27	0	14	4	155
	QENA	00	9	14	2	0	0	—	5.2	42.2	31	01	8	24	1	0	4	1	7.1	-3.8	30.0	43	+6	22	+3	14	0	20	—	156
	LUXOR	00	7	22	2	0	0	—	4.8	43.0	14	00	7	02	2	0	0	—	6.3	—	32.0	44	—	26	—	36	0	tr	—	157
	ASWÂN	00	9	00	0	0	0	—	2.8	42.6	09	00	9	08	2	0	0	—	3.9	-7.1	33.4	43	+5	27	+5	25	0	dr		158
WESTERN DESERT	SÎWA	03	8	28	4	2	8	5	7.8	33.0	37	03	7	28	2	2	8	5	6.4	-8.2	24.5	36		21		70	0	5	8	148
	BAHARÎYA	00	9	12	3	0	0	—	5.8	40.0	30	03	9	00	0	2	8	—	—	—	27.0	41	—	23	—	43	0	7	—	149
	KHÂRGA	00	9	12	2	0	0	—	4.7	42.2	12	00	8	16	1	0	0	—	4.2	-7.4	34.4	42	+5	27	+7	24	0	4		151
	DÂKHLA	00	9	12	2	0	0	—	4.8	41.0	27	00	8	00	0	0	0	—	3.7	-8.6	28.8	43	+6	21	+3	27	0	tr	—	152
RED SEA	TÔR	00	6	08	1	0	0	—	7.9	28.9	77	00	6	32	1	0	0	—	7.4	-3.6	27.9	30	0	22	+3	58	0	3	13	145
	HURGHÂDA	00	9	10	1	0	0	—	7.6	30.2	29	00	9	30	3	0	0	—	—	—	27.0	30	-1	22	+3	26	0	8		146
	QUṢEIR	00	8	32	3	0	0	—	7.6	29.0	47	00	8	32	1	0	0	—	6.7	-4.3	26.3	30	0	21	-1	50	0	20		147
	PORT SUDAN																											90	96	169
NORTH SUDAN	WÂDI HALFA	01	8	18	2	0	3	1	1	43	10	05	6	00	0	0	4	2	3		30					22	0	dr	—	165
	KAREIMA	00	5	20	3	0	0	—	5	43	05	05	6	18	2	0	0	—	3		31					28	0	tr	1	166
	'ATBARA	01	7	16	1	0	3	8	0	42	16	00	9	08	3	0	0	—	4		33					28	0	tr	4	167
	KHARTÛM																										0	tr	5	168
	KASSALA	01	8	04	2	1	5	9	99	41	18	01	8	12	1	0	4	4,2	4		32					31	0	18	15	170
CENTRAL SUDAN	WAD MEDANI	01	7	00	0	1	3	8	0	42	09	01	8	16	5	1	4	1	4		33					26	0	8	17	171
	DUEIM																										0	4	17	173
	RENK	00	9	24	3	0	0	—	1	40	20	01	9	18	3	1	3	9	4	—	34		—		—	36	0		62	182
	ROSEIRES	01	7	30	2	1	5	2	1	39	24	00	7	14	2	0	0	—	5		34					32	0	3	16	172
	EL OBEID	01	9	24	2	0	4	8	99	41	11	01	7	22	4	1	5	4	4		32					38	0	6	22	174
	EL FÂSHER	01	9	12	2	1	5	8,4	—	39	13	01	9	16	1	0	4	1	—		27					48	0	5	9	175
	GENEINA											01	8	16	2	0	3	4	—		26					58	0		11	179
	KADUGLI	02	8	20	2	1	5	4	3	41	23	02	8	24	1	1	6	4	6		30					43	0		116	187
S. SUDAN	MALAKÂL	10	8	16	2	1	5	8	2	39	23	02	7	18	3	1	6	4,2	8		28					58	0	52	138	176
	WÂU	01	8	16	2	1	4	4	4	35	35	25	8	16	1	6	8	6,5	11		23					94	15	221	265	177
	JÛBA	01	8	20	2	1	4	8,4	6	34	41	02	9	32	1	6	8	7,4,5	13		24					84	2	253	345	178

UPPER WINDS ON *8th* الرياح العليا يوم *٨*

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH h. m.	DIKHEILA h. m.	~~PORT SAÎD~~ *Cairo* 8 h. 30 m.	HELWÂN 8 h. 30 m.	MINYA h. m.	ASYÛT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 7 h. m.	KAREIMA 7 h. m.	~~KHARTÛM~~ *El Fasher* 7 h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	~~MALAKÂL~~ *Geneina* 7 h. m.	JÛBA 7 h. m.
			02 03 10	02 29 10		02 13 30	02 09 15	10 33 50	10 13 15	10 23 15	10 31 10	10 27 35	10 24 15	10 19 30
			05 12 15	05 10 25		05 13 65	05 14 30	15 31 15	15 13 10	15 28 30	15 33 20	15 27 30	15 24 25	15 19 30
			08 28 05	08 09 05		10 11 50	10 14 45	20 30 15	20 12 15	20 31 20	20 31 15	20 35 10	20 28 20	20 16 35
			10 27 02	10 07 10		15 10 25	15 13 40	30 18 15	30 15 10	30 15 05	30 23 20	30 08 20	30 01 20	30 07 30
			12 08 02	15 13 05		20 10 25	20 10 30	40 18 15	40 19 20	40 11 15	40 25 10	40 07 30	40 06 05	40 03 35
			15 09 05	20 17 15		25 10 20		45 17 20	45 19 20		50 27 20	45 05 25	45 10 20	50 02 45
			17 15 05	23 17 15				50 24 25	50 22 15			50 04 15	50 11 15	
			20 17 10	25 16 20				55 23 25					65 30 25	
			25 17 15	30 16 25										
			27 17 20	40 16 30										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on *7th*	Diff. from normal	Wet Bulb Temp °C on *7th*	Diff. from normal
Alexandria	47	-23	17.5	0.0
Ezbekîya	16	-34	17.6	0.0
Gîza	29	-23	17.5	+0.2
Helwân	09	-29	16.8	+1.1

Gîza Grass minimum on *8th* *14.6* °C

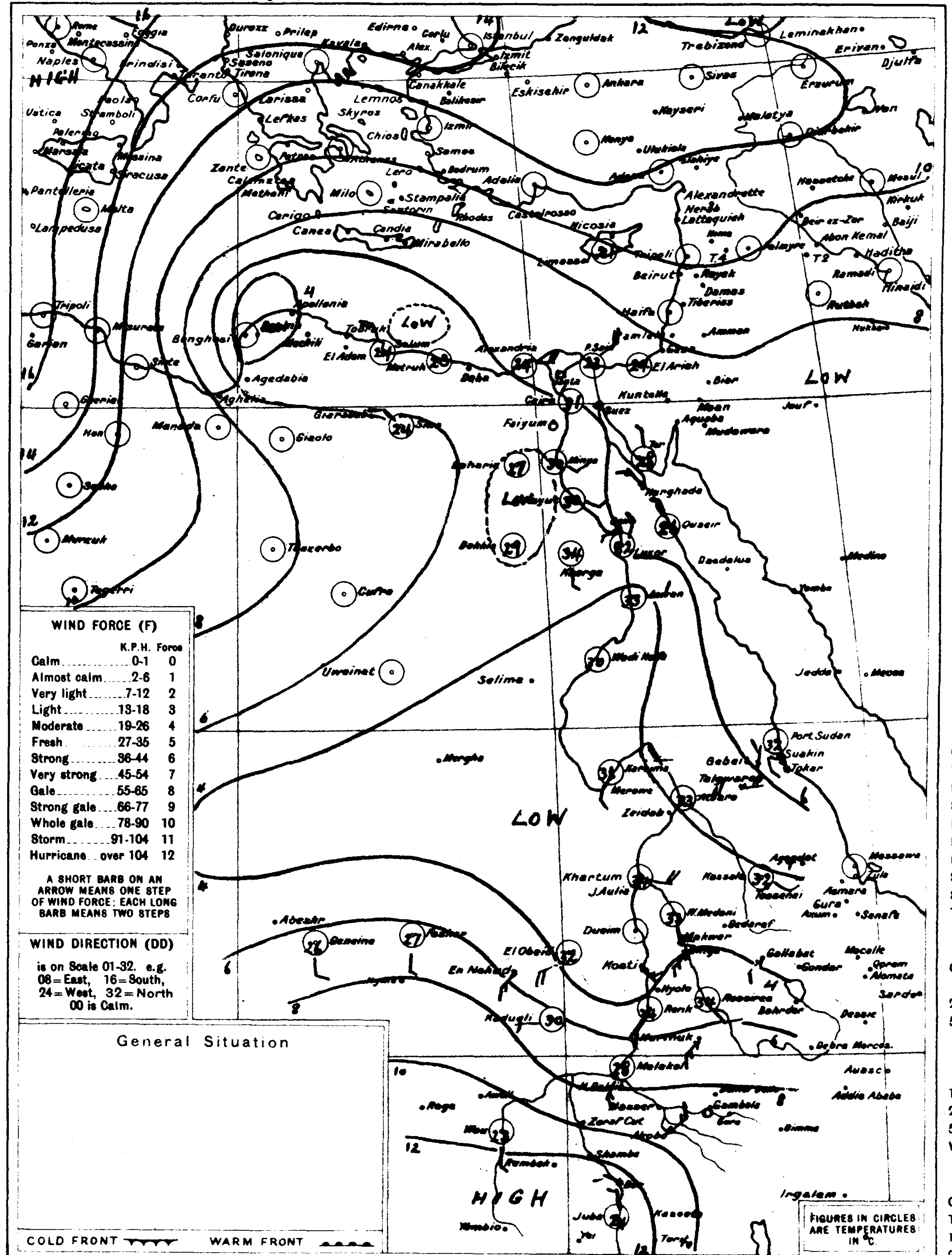
Discharges at Aswân measured by sluices m³ per sec

DATE	194*5*	19*44*
8-5	984	1042
7-5	984	1042

GAUGE	Date 194*5*	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.55	-0.94
Nasser				4.90	-0.98
Malakâl		9.49	-0.61	9.42	-0.67
Roseires		10.98	-0.59	10.99	-0.53
Sennâr Res				15.32	
J. Aulia U.S					
J. Aulia D.S					
Khartûm				9.54	-0.73
Kh. el Girba					
'Atbara				9.84	-0.16
Kajnarti				131.92	+0.06
Aswân Res.		119.24	—	119.32	—
Aswân D.S.		85.29	-0.36	85.29	-0.35
Rôda (Cairo)		16.29	+0.81	16.27	+0.79

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٥-٨ Isobars, Wind and Temperature at 8 h. *8-5-1945*



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08=East, 16=South, 24=West, 32=North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

SCALE 1:15.000.000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on *8-5-1945* الساعة ٨ يوم *١٩٤٥-٥-٨*

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max Diff. from norm °C	Minimum Today °C mm	Min Diff. from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Nag Hamadi	00	8	00	0	0	0	—	5.2	—	32.2	41		22		36	0	16	
Limassol	09	7	00	0	2	8	5,2	9.6	-3.1	21	—	—	—	—	78	0	633	450

SHIPS سفن

Remarks

Water Tempt.
River Nile Cairo
22.7 C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO

Time of Sunrise 05 06 · Sunset 18 37

Month MAY, 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS · PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 8th ٨ الساعة ١٤ يوم · At 8 h. on WEDNESDAY 9th الأربعاء ٩ الساعة ٨

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. press. ppp	14h Temp. TTT	14h Humidity UU	8h Present weather ww	8h Visibility V	8h Wind DD	8h Wind F	8h Past weather W	8h Cloud amount N	8h Cloud form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry bulb °C TTT	Max. yesterday °C MM	Diff. from norm °C	Min. today °C mm	Diff. from norm °C	Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
MEDITERRANEAN	SALUM	04	5	06	2	2	5	7	6.2	24.4	66	00	7	20	1	0	0	—	6.8	—	21.8	28		12		71	tr.	—		130
	MATRUH	01	9	08	2	1	3	8	4.6	24.0	67	01	8	28	1	1	3	8	8.4	-5.7	20.9	26	+2	12	+5	70	0	103	159	131
	DIKHEILA																													150
	ALEXANDRIA	03	7	06	2	2	8	5	6.4	30.0	36	01	9	06	2	1	4	2	6.4	-7.6	27.0	30	+5	21	+4	45	0	254	185	132
	DAMIETTA	05	6	06	5	2	7	6	7.0	24.1	60	02	7	04	2	2	6	5	6.3	—	25.7	28		21		57	0	100	104	159
	PORT SAID	02	8	04	3	2	7	6	7.2	23.8	64	13	7	10	2	2	8	0	6.0	-6.7	26.7	28	+2	21	+4	51	0	83	78	134
	EL ARISH	00	9	30	2	0	0	—	—	27.1	34	00	9	30	1	0	0	—	—	—	26.0	29	+3	18	+4	51	0	248	92	135
LOWER EGYPT	DAMANHUR	02	6	04	3	2	8	5	6.7	28.6	38	01	6	04	4	1	4	1	6.0	-7.8	30.0	31	+1	22	+8	38	0	128	99	136
	MANSURA	02	7	02	2	2	5	6	7.4	29.5	40	01	7	02	2	1	3	6	5.8	—	30.7	32	+1	20	+5	39	0	61	53	137
	TANTA	03	8	04	4	2	8	5	6.6	30.8	40	02	8	08	2	2	7	5	6.6	-7.4	28.0	32	+1	20	+6	44	0	58	41	138
	ZAGAZIG	00	6	32	3	0	0	—	6.8	31.8	40	00	7	08	3	0	0	—	6.4	-7.6	28.1	35	+4	20	+6	41	0	46	26	139
MIDDLE EGYPT	CAIRO ALMAZA	05	6	04	3	2	6	4	5.5	35.0	24	05	6	10	5	2	4	2	5.3	—	32.4	39	—	22	—	22	tr.	52	—	141
	CAIRO EZBEKIYA	02	8	28	3	2	7	5	6.0	34.2	29	18	4	08	6	0	0	—	5.1	-8.4	33.8	35	+3	22	+6	25	dt.	46	25	—
	CAIRO GIZA	02	8	30	3	1	6	5	5.2	38.5	27	18	4	08	7	3	0	—	4.8	-8.7	32.9	34	+2	21	+7	18	dt.	46	25	—
	HELWAN	05	6	28	6	1	5	4	4.7	34.9	19	18	5	08	9	9	0	—	4.4	-8.8	32.5	37	+5	16	-1	14	tr.	55	28	143
	SUEZ	00	9	00	0	0	0	—	5.1	31.3	35	00	9	00	0	0	0	—	7.0	-6.0	29.0	34	+3	23	+5	44	0	37	16	144
UPPER EGYPT	FAIYUM	02	8	30	4	2	7	5	3.4	35.9	10	00	8	00	0	0	0	—	5.2	-7.9	31.8	37	+5	23	+7	27	0	75	8	153
	MINYA	02	8	20	2	1	5	2	4.0	40.0	20	00	9	08	2	0	0	—	4.2	-8.3	32.5	40	+7	24	+8	31	0	1	—	154
	ASYUT	01	7	12	2	1	5	5	3.4	39.1	21	00	8	12	1	0	0	—	4.3	-8.0	30.5	41	+7	22	+4	34	0	14	4	155
	QENA	01	9	14	2	1	4	1	2.2	42.8	19	00	8	04	1	2	0	—	4.6	-6.3	30.2	44	+6	22	+3	36	9	29	—	156
	LUXOR	00	7	22	2	0	0	—	1.9	45.0	16	00	7	22	2	0	0	—	5.4	—	33.0	46	—	24	—	34	tr.	tr.	—	157
	ASWAN	01	9	00	0	1	3	1	1.0	43.0	12	01	9	00	0	9	3	4	5.0	-6.0	32.0	43	+5	23	0	38	dt.	dt.	—	158
WESTERN DESERT	SIWA	03	8	24	2	2	8	5	6.7	32.5	52	02	7	28	3	1	6	4	9.0	-5.6	23.9	33	0	22	+7	64	0	5	8	148
	BAHARIYA	01	9	08	1	1	4	—	5.8	35.0	37	01	9	00	0	1	4	—	6.9	-6.7	26.5	37		~~45~~		53	0	7		149
	KHARGA	02	9	16	1	2	6	—	0.8	42.8	17	01	7	16	2	1	5	8	3.2	-8.4	33.4	43	+6	27	+7	20	0	4	—	151
	DAKHLA	00	9	24	1	6	0	—	1.1	43.0	26	00	8	24	1	0	0	—	4.6	-7.9	31.0	43	+6	25	+7	29	0	tr.		152
RED SEA	TOR	00	6	20	1	0	0	—	6.8	28.4	77	00	6	00	0	0	0	—	6.0	-5.0	27.4	31	+1	19	0	73	0	3	13	145
	HURGHADA	01	8	10	4	1	4	8	7.5	32.2	43	01	8	12	2	1	4	1	3.6	-7.7	29.0	34	+3	24	+5	84	0	8	—	146
	QUSEIR	00	8	32	1	0	0	—	6.3	27.0	70	01	8	12	1	1	4	1	4.7	-6.3	27.7	32	+2	25	+3	64	0	20	—	147
	PORT SUDAN																										0	90	96	169
NORTH SUDAN	WADI HALFA	00	8	06	2	0	1	4	1	44	07	00	7	02	5	0	0	—	4		37					11	0	dt.	—	165
	KAREIMA	00	7	22	2	0	0	—	99	44	06	18	5	18	6	1	6	2	4		32					38	0	tr.	1	166
	ATBARA	01	7	12	2	0	4	8	99	42	11	31	3	20	5	3	9	—	3		33					32	0	tr.	4	167
	KHARTUM																										0	tr.	5	168
	KASSALA	01	8	00	0	0	4	8	98	43	09	01	8	02	3	1	3	8	6		32					34	0	18	15	170
CENTRAL SUDAN	WAD MEDANI	01	8	32	3	1	5	8	98	42	09	02	9	18	3	1	7	3	6		32					36	0	8	17	171
	DUEIM																										0	4	17	173
	RENK											33	9	20	3	2	8	9	7		26					62	—	—	63	182
	ROSEIRES	01	7	18	2	1	4	4	2	38	33	02	8	16	2	2	7	5	8		27					66	2	5	68	172
	EL OBEID	02	8	22	2	1	6	6	0	38	25	02	8	20	5	1	7	4,5	7		28					55	0	6	22	174
	EL FASHER																										0	5	9	175
	GENEINA																										—	—	11	179
	KADUGLI	02	8	20	4	1	5	4	4	35	35	02	8	20	3	1	6	1	9		28					52	—	—	117	187
S. SUDAN	MALAKAL	02	8	16	4	1	7	6	6	31	43	02	8	14	1	1	5	4,5	9		27					62	0	52	140	176
	WAU	02	8	16	2	5	8	4	10	26	66	02	8	00	0	1	8	4,5	11		23					89	tr.	221	269	177
	JUBA	02	8	26	2	5	8	6	11	26	70	02	5	04	2	1	7	6,4	13		24					84	1	254	350	178

UPPER WINDS ON 9th ٩ مايو

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA 7 h.	KAREIMA 7 h.	KHARTUM	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA 7 h.
								10 15 30	10 18 15		10 03 15	10 23 45	10 18 25	10 02 05
								15 17 35	15 05 05		15 01 15	15 23 70	15 19 20	15 00 00
								20 16 45	20 07 05		20 36 20	20 24 55	20 10 05	20 18 05
									25 17 05		25 35 35	25 18 30	25 10 05	35 15 25
									35 20 05		35 32 50	35 20 15		40 14 15
									40 22 10		40 31 45	40 09 20		
									45 24 15		45 25 35	45 06 25		
									50 22 15			50 08 30		
												55 08 15		

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 8th	Diff. from normal	Wet bulb temp. °C on 8th	Diff. from normal
Alexandria	57	-13	18.6	+1.0
Ezbekiya	32	-18	19.0	+1.3
Giza	43	-9	19.4	+2.0
Helwan	23	-15	18.7	+3.0

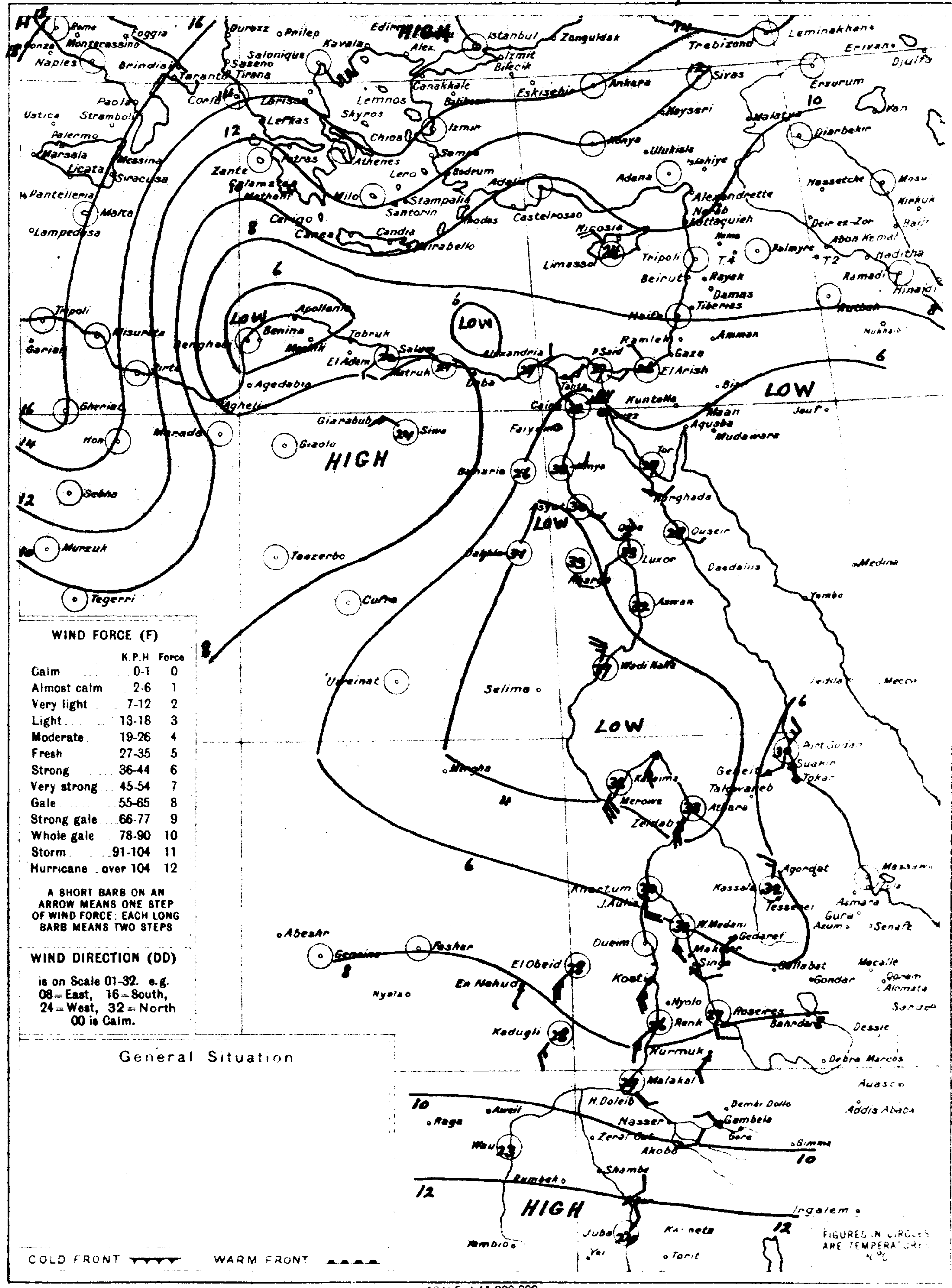
Giza Grass minimum on 9th 16.3 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
9-5	984	1042
8-5	984	1042

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	9-5	12.50	-1.00	12.50	-1.00
Nasser				4.93	-0.99
Malakal		9.37	-0.74	9.49	-0.61
Roseires		11.01	-0.59	10.98	-0.59
Sennar Res.		15.28	—	15.32	—
J. Aulia U.S.				370.65	—
J. Aulia D.S.				370.60	-0.28
Khartum		9.60	-0.67	9.55	-0.72
Kh. el Girba					
Atbara		9.84	-0.16	9.84	-0.16
Kajnarti		131.72	-0.14	131.82	-0.04
Aswan Res.		119.15	—	119.24	—
Aswan D.S.		85.29	-0.37	85.29	-0.36
Roda (Cairo)		16.29	+0.81	16.29	+0.81

Isobars, Wind and Temperature at 8 h. 9-5-1945 ١٩٤٥-٥-٩



At 8 h. on 9th ٩ الساعة ٨ يوم

STATION	Present weather ww	Visibility V	Wind DD	Wind F	Past weather W	Cloud N	Cloud C	Bar. M.S.L. 1000+ mbs	Diff. from normal mbs	Dry bulb °C	Max. yesterday	Diff. from norm	Min. today	Diff. from norm	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	00	0	0	0	—	4.0	—	29.8	41	—	23	—	48	dt.	16	—
Limassol	09	7	28	4	2	8	5	9.0	-3.7	24	—	—	—	—	57	0	633	460
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 23.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)
- Clear 00
- Partly cloudy 01
- Cloudy 02
- Overcast 03
- Low Fog 04
- Thin Haze 05
- Dust Devils 06
- Distant Lightning 07
- Light Mist or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick „ „ „ 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-65
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- „ of Snow 83, 84
- „ of Sleet 85, 86
- „ of Hail 88, 89
- Thunderstorm 90-99
- „ fell, now Rain 91
- „ with Hail 94-96
- „ with Duststorm 98
- „ heavy, with Hail 99

PAST WEATHER (W)
- Clear, slight cloud 0
- Variable sky 1
- Mainly overcast 2
- Sandstorm, Duststorm 3
- Fog, thick dust haze 4
- Drizzle 5
- Rain 6
- Snow, sleet 7
- Showers 8
- Thunderstorm 9

VISIBILITY (V)
- Objects not visible at 50 metres 0
- 200 „ 1
- 500 „ 2
- 1 Kilometre 3
- 2 „ 4
- 4 „ 5
- 10 „ 6
- 20 „ 7
- 50 „ 8
- Visible over 50 kms. 9

CLOUD AMOUNT (N)
- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

CLOUD FORM (C)
- Cirrus 1
- Cirro stratus 2
- Cirro cumulus 3
- Alto cumulus 4
- Alto stratus 5
- Strato cumulus 6
- Nimbo stratus 7
- Cumulus 8
- Cumulo nimbus 9
- Stratus 0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h. 05 m. 05
Sunset h. 18 m. 38

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month MAY 1945 ١٩٤٥ مايو

STATION	At 14 h. on 9th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp. TTT	% Humidity UU	At 8 h. on Thursday 10th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max. Diff. from norm. °C	Minimum Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALÛM	01	8	02	4	1	4	1	7.0	25.3	59	01	8	04	1	5	5	8	9.4	–	22.7	27		15		78	1			130
MATRÛH	21	9	08	2	6	8	9	7.0	23.5	71	01	9	32	1	1	3	9	11.6	-2.4	20.5	27	+3	18	+3	85	dr	103	159	131
DIKHEILA																													150
ALEXANDRIA	08	8	02	3	2	8	5	7.2	28.0	44	03	9	10	2	5	8	9	11.5	-2.5	22.8	31	+5	20	+3	68	tr	255	185	132
DAMIETTA	02	7	04	3	2	5	5	7.1	28.0	54	03	7	08	3	2	8	8	10.2	–	23.4	31		22		65	0	10.0	104	159
PORT SAÎD	02	8	06	3	2	7	0	6.6	27.8	54	03	8	06	4	2	8	6	10.3	-2.3	24.4	29	+3	22	+5	64	0	83	78	134
EL 'ARÎSH	00	9	30	2	0	0	–	8.3	28.3	42	00	9	00	0	0	0	–	7.8	-5.8	19.1	30	+4	18	+4	51	0	248	92	135
LOWER EGYPT																													
DAMANHÛR	02	6	08	3	1	6	5	6.0	34.4	30	03	6	32	4	2	8	5	9.2	-4.6	24.8	37	+7	21	+7	58	0	128	100	136
MANṢURA	01	7	08	2	1	4	8	6.7	35.0	29	03	6	08	4	2	8	9	8.8	–	25.0	36	+5	22	+7	53	0	61	53	137
TANTA	03	8	08	7	2	8	5	5.2	37.0	30	03	7	08	2	2	8	7	10.0	-4.0	25.0	38	+7	19	+5	47	1	59	42	138
ZAGAZÎG	01	7	32	5	1	4	1	6.2	36.4	20	02	6	04	5	3	6	8	10.0	-4.0	24.6	37	+6	20	+6	60	0	46	26	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	05	6	04	5	2	4	4	3.1	36.6	19	02	7	07	5	2	8	4,5	9.9		26.2	42		22		51	tr	52		141
EZBEKIYA	02	8	16	1	1	5	2	4.3	40.3	13	18	7	06	6	2	8	7	9.0	-4.4	26.7	41	+9	21	+5	45	dr	46	25	
GÎZA	02	8	06	2	1	5	5	5.0	41.0	09	18	5	06	6	3	8	9	8.3	-5.2	26.2	42	+10	20	+6	43	dr	46	25	
HELWÂN	01	7	22	2	0	3	2	3.4	40.0	12	18	6	04	9	9	8	5	6.8	-6.4	27.1	41	+9	23	+6	38	dr	55	28	143
SUEZ											03	8	26	1	2	8	9	8.7	-4.2	28.8	39	+8	22	+4	40	0	37	16	144
UPPER EGYPT																													
FAIYÛM	01	8	00	0	1	4	2	3.0	40.4	17	21	4	02	5	9	8	7	7.9	-5.2	26.8	42	+10	22	+6	40	2	77	8	153
MINYA	02	8	24	2	2	5	2	1.9	42.0	18	02	7	28	2	2	7	4	6.4	-6.0	26.2	42	+9	24	+8	54	0	1		154
ASYÛT	01	7	20	1	1	4	4	2.2	42.0	15	21	6	20	1	2	8	6	6.8	-5.5	25.1	43	+9	24	+6	53	dr	14	4	155
QENA	00	9	14	2	0	0	–	1.8	42.8	16	02	7	06	2	1	8	5	4.6	-6.2	32.4	44	+6	28	+8	40	0	29		156
LUXOR	00	7	18	3	0	0	–	2.0	44.2	16	03	7	30	3	2	8	3	5.8	–	32.0	45		29		28	0	1		157
ASWÂN	00	9	16	1	0	0	–	1.1	42.0	18	02	9	16	4	1	6	6	5.0	-5.9	36.5	43	+5	30	+7	15	0	dr		158
WESTERN DESERT																													
SIWA	03	8	28	2	2	8	5	8.0	28.8	51	00	7	08	3	0	0	–	10.3	-4.3	25.5	30	-3	21	+6	53	0	5	8	148
BAHARÎYA	01	9	08	1	1	4	–	8.1	35.0	37	03	9	00	0	2	8	–	8.7	-4.9	24.5	37		23		57	0	7		149
KHARGA	02	7	12	2	2	8	8	0.4	43.0	14	03	6	04	2	2	8	8	6.0	-5.5	28.5	43	+6	27	+7	37	0	4		151
DÂKHLA	00	8	28	4	0	0	–	1.9	37.3	22	00	7	28	4	0	0	–	7.5	-4.9	29.0	41	+4	26	+8	29	0	tr		152
RED SEA																													
TÔR	00	6	20	1	0	0	–	6.2	30.7	65	03	6	04	1	1	8	5	7.9	-3.0	28.9	32	+2	25	+5	73	0	3	13	145
HURGHÂDA	00	9	10	4	0	0	–	—	31.0	56	03	8	06	3	5	8	8	6.1	-5.1	30.0	34	+3	23	+4	59	dr	8		146
QUṢEIR	00	8	02	2	0	0	–	5.8	27.4	71	03	8	30	1	2	8	5	6.6	-4.3	26.5	29	-1	25	+2	80	0	20		147
PORT SUDAN																										0	90	96	169
NORTH SUDAN																													
WÂDI HALFA	01	7	08	3	1	4	8,2	98	45	07	31	3	18	6	3	9	–	6 ?		31					19	0	dr		165
KAREIMA	05	6	20	3	1	7	2	1	41	13	18	4	28	5	3	8	1	9 ?		29					03	0	tr	1	166
'ATBARA	02	8	26	2	3	6	8	1	40	26	18	4	26	4	1	8	8	7		30					31	0	tr	5	167
KHARTÛM																										0	tr	6	168
KASSALA	02	8	12	1	1	5	8	1	39	26	02	8	28	3	1	6	4	10		29					52	0	18	16	170
CENTRAL SUDAN																													
WAD MEDANI	02	8	22	3	1	7	3	2	41	26	05	5	12	3	4	7	0	11		28					45	0	8	17	171
DUEIM																										0	4	17	173
RENK	01	9	20·3		1	3	9	5	32	—	01	9	20	3	1	4	9	10	—	27					70	0		64	182
ROSEIRES	01	8	26	2	1	5	4	5	35	32	50	8	10	2	2	7	5	14		22					94	2	7	70	172
EL OBEID	02	9	22	3	1	7	8,4	2	36	22	02	8	32	1	1	7	4,5	9		27					58	0	6	23	174
EL FASHER											10	8	04	2	8	8	0,4	–		–					–	tr	5	9	175
GENEINA											02	9	04	2	1	6	0,4	–		22					88	0		12	179
KADUGLI	02	8	20	4	1	6	4	5	34	29	02	8	24	3	1	6	4	8		26					70	0		119	187
S. SUDAN																													
MALAKÂL	01	8	18	4	1	4	8,4	5	35	35	52	8	16	2	5	8	9,4	12		26					74	tr	52	142	176
WÂU	01	8	16	1	1	4	8,4	8	32	41	02	8	00	0	1	7	4,5	11		24					84	24	245	273	177
JUBA	02	8	08	2	1	6	9,4	9	29	59	01	8	00	0	1	5	6,4	12		26					74	0	254	355	178

UPPER WINDS ON 10th يوم ١٠

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAÎD	HELWÂN	MINYA	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA
h. m.	h. m.	h. m.	h. m.	8 h. 15 m.	h. m.	7 h. m.	7 h. m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. m.
				05 06 60		02 18 10	02 14 20				10 03 20	10 22 30	10 21 15	10 31 05
				06 19 20		05 17 10	05 14 55				15 04 20	15 33 30	15 19 25	15 26 05
						10 20 25	10 15 45				20 05 20	20 27 10	20 23 10	20 20 05
						13 20 –	15 17 30				25 06 10	30 14 30	25 19 10	25 17 10
							20 20 20				30 05 15	40 08 15	30 20 05	30 14 10
											40 07 10		40 10 15	40 14 20
													45 11 15	45 15 20
														50 16 15

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 9th	Diff. from normal	Wet bulb temp. °C on 9th	Diff. from normal
Alexandria	57	-13	19.2	+1.5
Ezbekiya	25	-25	20.2	+2.4
Gîza	22	-29	19.0	+1.5
Helwân	15	-23	19.0	+3.2

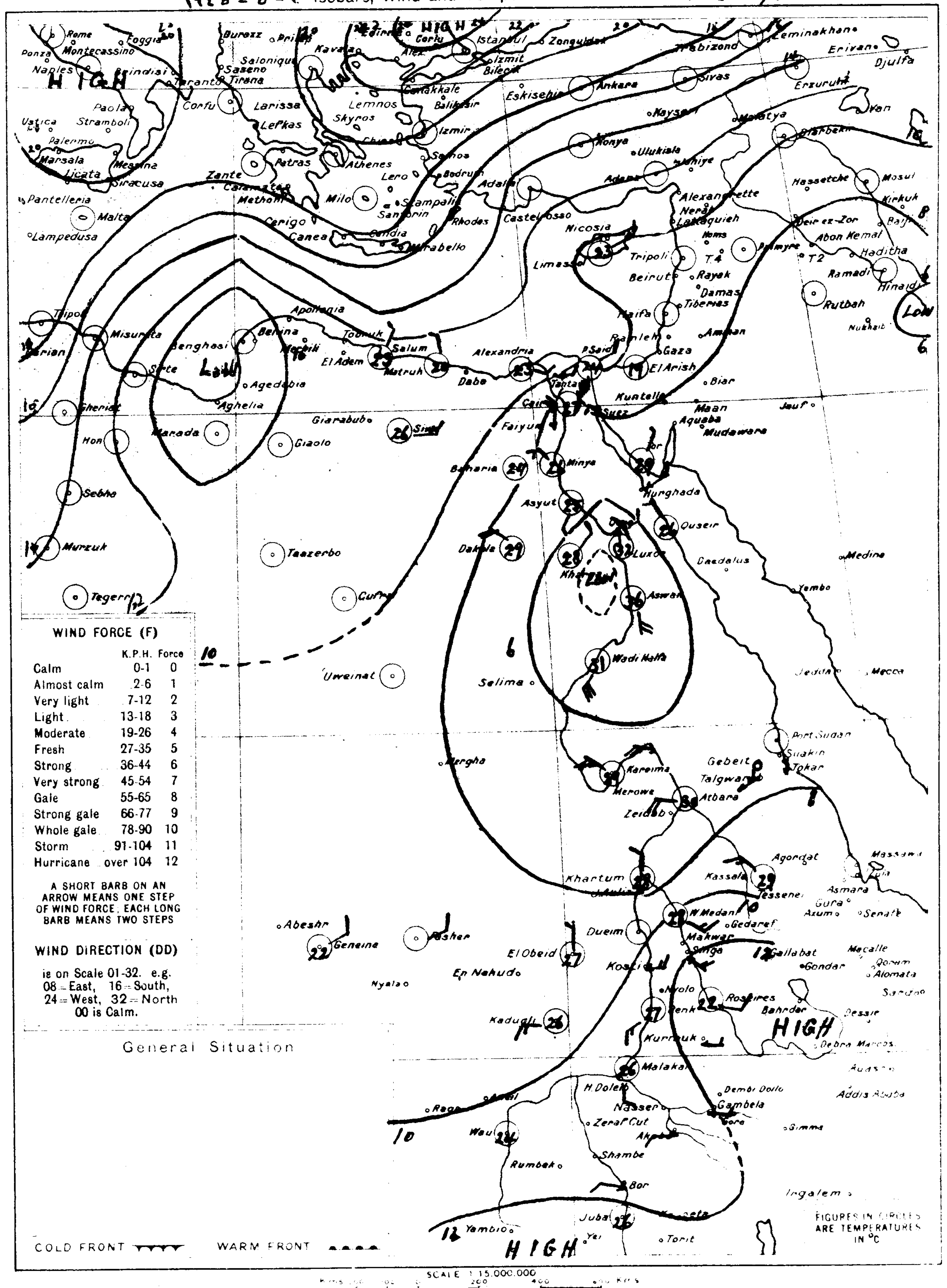
Gîza Grass minimum on 10th 16.5 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
10-5		1042
9-5	984	1042

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	9			12.50	-1.00
Nasser					
Malakal				9.37	-0.74
Roseires				11.01	-0.59
Sennâr Res.				15.28	—
J. Aulia U.S.					
J. Aulia D.S.					
Khartum				9.60	-0.67
Kh. el Girba					
'Atbara				9.84	-0.16
Kajnarti				131.72	-0.14
Aswân Res.				119.15	—
Aswân D.S.	10			85.29	-0.37
Roda (Cairo)		16.27	+0.79	16.29	+0.81

١٩٤٥-٥-١٠ Isobars, Wind and Temperature at 8 h. 10-5-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE, EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

STATION محطة	At 8 h on 10th (الساعة ٨ يوم ١٠): Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1	Normal from Oct 1
Nag Hamadi	03	8	00	0	2	8	4	5.2	—	28.5	42	—	28	—	47	0	16	—
Limassol	03	8	06	3	2	8	2	9.2	-3.5	23	—	—	—	—	74	dr	633	451

SHIPS سفن

Remarks

Water Tempt. River Nile Cairo 23.2 C.°

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 05 h 04 m
Sunset 18 h 39 m

Month MAY 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 10th ١٠ الساعة ١٤ يوم — At 8 h. on Friday 11th الساعة ٨ يوم الجمعة ١١

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALŪM	01	8	32	4	1	4	8	12.4	21.8	86	00	8	04	4	0	0	—	—	—	19.4	24	—	—	—	94	2	—	—	130
MATRŪH	00	9	04	1	0	1	1	11.8	22.0	82	03	9	04	1	2	8	8	14.8	+0.8	20.0	23		19		86	0	103	159	131
DIKHEILA																													150
ALEXANDRIA	03	9	06	4	2	8	5	10.8	29.0	42	02	9	02	2	2	5	4	13.0	-1.0	21.3	29	+3	19	+2	88	0	255	185	132
DAMIETTA	03	8	02	2	2	8	5	12.3	24.5	68	01	7	02	2	2	5	4	12.6	—	23.2	27	—	21	—	78	0	100	104	159
PORT SAĪD	03	8	06	4	5	8	7	11.5	24.9	62	02	8	02	3	2	6	6	12.6	0.0	23.9	25	-1	22	+5	75	dr	83	78	134
EL 'ARĪSH	00	9	30	6	0	0	—	10.8	26.3	49	02	8	20	1	1	4	8	12.2	-1.3	20.2	29	+3	15	+1	63	3	251	92	135
LOWER EGYPT																													
DAMANHŪR	03	6	32	2	4	8	5	10.6	29.2	42	01	6	32	3	1	4	1	11.9	-1.9	25.6	30	0	19	+5	60	0	128	100	136
MANṢURA	03	7	02	3	5	8	9	11.6	27.7	46	01	7	02	2	1	4	8	12.3	—	25.2	29	-2	19	+4	61	dr	61	53	137
TANTA	03	8	08	5	2	8	7	10.6	28.5	37	01	8	04	4	1	4	4	12.0	-2.0	25.0	29	-3	18	+4	51	0	59	42	138
ZAGAZIG	00	6	08	2	0	0	—	11.5	29.6	34	02	6	32	3	1	6	8	12.0	-1.9	24.6	30	-2	21	+7	57	0	46	26	139
MIDDLE EGYPT																													
CAIRO ALMĀZA	05	5	08	5	2	8	4	11.5	30.0	30	01	7	04	2	1	4	4,5	11.2	—	26.8	31	—	23	—	50	0	52	—	141
CAIRO EZBEKĪYA	05	7	04	5	2	8	5	10.3	30.0	35	05	6	02	2	2	5	6	11.1	-2.3	25.9	32	0	22	+6	41	0	46	25	—
CAIRO GĪZA	03	7	04	5	5	8	5	9.9	30.5	31	05	5	02	2	1	4	4	10.7	-2.8	24.8	31	-1	21	+7	64	dr	46	25	—
HELWĀN	05	5	06	5	5	8	5	9.6	30.0	10	05	5	00	0	2	5	4	10.3	-2.9	25.5	31	-1	22	+5	55	tr	55	28	143
SUEZ	03	7	00	0	2	8	9	11.4	30.8	42	02	8	10	4	2	7	6	11.0	-1.9	29.7	34	+3	23	+5	47	dr	37	17	144
UPPER EGYPT																													
FAIYŪM	13	7	02	4	5	8	7	9.2	30.5	37	02	8	02	1	2	5	6	10.0	-3.0	25.8	32	-1	22	+6	55	dr	77	8	153
MINYA	02	8	32	2	2	7	5	8.0	35.3	25	01	9	28	2	1	4	4	9.5	-2.8	26.3	36	+2	22	+5	53	0	1	—	154
ASYŪT	01	7	28	1	2	5	8	7.0	34.8	28	01	6	22	1	2	5	8	9.8	-2.5	26.0	35	0	23	+5	42	0	14	4	155
QENA	02	7	22	2	2	8	5	4.0	35.8	28	02	7	10	2	2	8	5	9.6	-1.2	30.0	38	0	26	+6	42	0	29	—	156
LUXOR	00	7	32	1	0	0	—	4.4	37.8	25	03	7	14	2	2	8	3	10.6	—	29.5	38	—	26	—	43	0	tr.	—	157
ASWĀN											20	9	16	4	6	8	9	12.2	+1.4	22.0	38	-1	22	-1	74	3	3	—	158
WESTERN DESERT																													
SIWA	00	8	28	2	0	0	—	9.9	32.2	48	03	7	08	4	2	8	5	11.9	-2.6	23.5	34	+1	20	+5	63	0	5	8	148
BAHARIYA	03	9	00	0	2	8	—	9.0	31.5	51	03	9	00	0	2	8	—	11.5	-2.0	24.0	34	—	—	—	67	0	7	—	149
KHARGA	03	6	12	4	2	8	9	7.6	33.0	21	02	8	00	0	2	8	5	8.7	-2.8	27.2	34	-3	23	+3	45	0	4	—	151
DAKHLA	03	7	20	2	2	8	9	9.1	32.0	28	03	7	28	2	2	8	9	11.8	-0.6	22.0	33	-4	20	+2	50	0	tr.	—	152
RED SEA																													
TŌR	03	6	28	2	2	8	5	8.8	27.2	82	00	6	28	1	1	8	5	8.2	-2.7	25.2	—	—	23	+3	84	0	3	13	145
HURGHADA	03	8	06	3	2	8	6	3.4	30.2	59	03	8	10	3	2	8	9	—	—	28.5	38	+6	23	+4	55	dr	8	—	146
QUSEIR	03	8	08	2	2	8	5	6.3?	27.0	78	21	8	30	1	2	8	5	10.3	-0.6	26.0	29	-1	26	+3	75	dr	20	—	147
PORT SUDAN																										0	90	96	169
NORTH SUDAN																													
WĀDI HALFA	02	8	22	4	1	8	5	8	35	18	02	9	06	4	6	8	5	13		22					83	5	5	—	165
KAREIMA	02	8	30	2	6	7	1	6	35	30	22	7	30	4	6	7	4,5	12		25					70	tr.	tr.	1	166
ATBARA	25	5	20	3	8	8	8	7	34	29	05	6	12	1	1	8	5	9		32					31	tr.	tr.	5	167
KHARTUM																										0	tr.	6	168
KASSALA	01	8	04	3	1	5	6	6	34	32	01	8	28	1	1	3	4	9		29					46	0	18	16	170
CENTRAL SUDAN																													
WAD MEDANI	02	9	16	4	4	7	6	8	28	52	02	9	00	0	1	6	6	11		27					20	0	8	18	171
DUEIM																										0	4	18	173
RENK																										—	—	65	182
ROSEIRES	02	7	12	2	5	7	5	10	26	79	02	7	16	2	1	6	4	12		22					—	tr.	7	72	172
EL OBEID	02	8	00	0	1	8	8	8	28	58	02	9	00	0	1	7	4,5	11		24					84	0	6	23	174
EL FĀSHER	25	7	27	2	8	7	—	—	26	58	25	7	06	1	8	8	7,4	—		21					83	1	6	10	175
GENEINA	02	7	04	4	6	8	4,5	—	22	74	02	8	00	0	1	8	9,2	—		21					94	—	—	12	179
KADUGLI	02	5	12	2	1	6	5	8	24	84	02	8	26	0	1	6	4	98		24					22	—	—	121	187
S. SUDAN																													
MALAKĀL	21	8	10	2	6	5	6,4	8	25	84	01	8	04	2	1	4	4,5	12		25					84	11	63	144	176
WĀU	02	8	10	1	1	8	8,4	7	31	49	51	8	00	0	1	7	9	13		22					83	17	262	277	177
JŪBA	11	8	16	1	1	8	9	9	29	62	02	8	16	1	1	6	9,4	13		25					84	2	256	360	178

UPPER WINDS ON 11th الرياح العليا يوم ١١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALŪM h m	MATRŪH h m	DIKHEILA h m	PORT SAID h m	HELWAN h m	MINYA h m	ASYUT h m	ASWAN h m	WADI HALFA h m	KAREIMA 7 h m	FASHER 7 h m	KASSALA h m	EL OBEID 7 h m	MALAKĀL 7 h m	JŪBA h m
									05 32 30	10 11 10		05 14 05	05 08 15	
									10 31 20	15 14 20		10 10 05	10 11 20	
									15 32 05	20 20 20		15 14 15	15 16 20	
									20 19 15	25 21 20			20 21 20	
									30 17 50				35 20 20	
									40 15 70				40 20 20	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 10th	Diff. from normal	Wet Bulb Temp °C on 10th	Diff. from normal
Alexandria	71	+1	19.3	+1.5
Ezbekiya	36	-14	18.7	+0.8
Giza	40	-11	19.1	+1.6
Helwan	35	-3	18.3	+2.5

Giza Grass minimum on 11th 19.4 °C

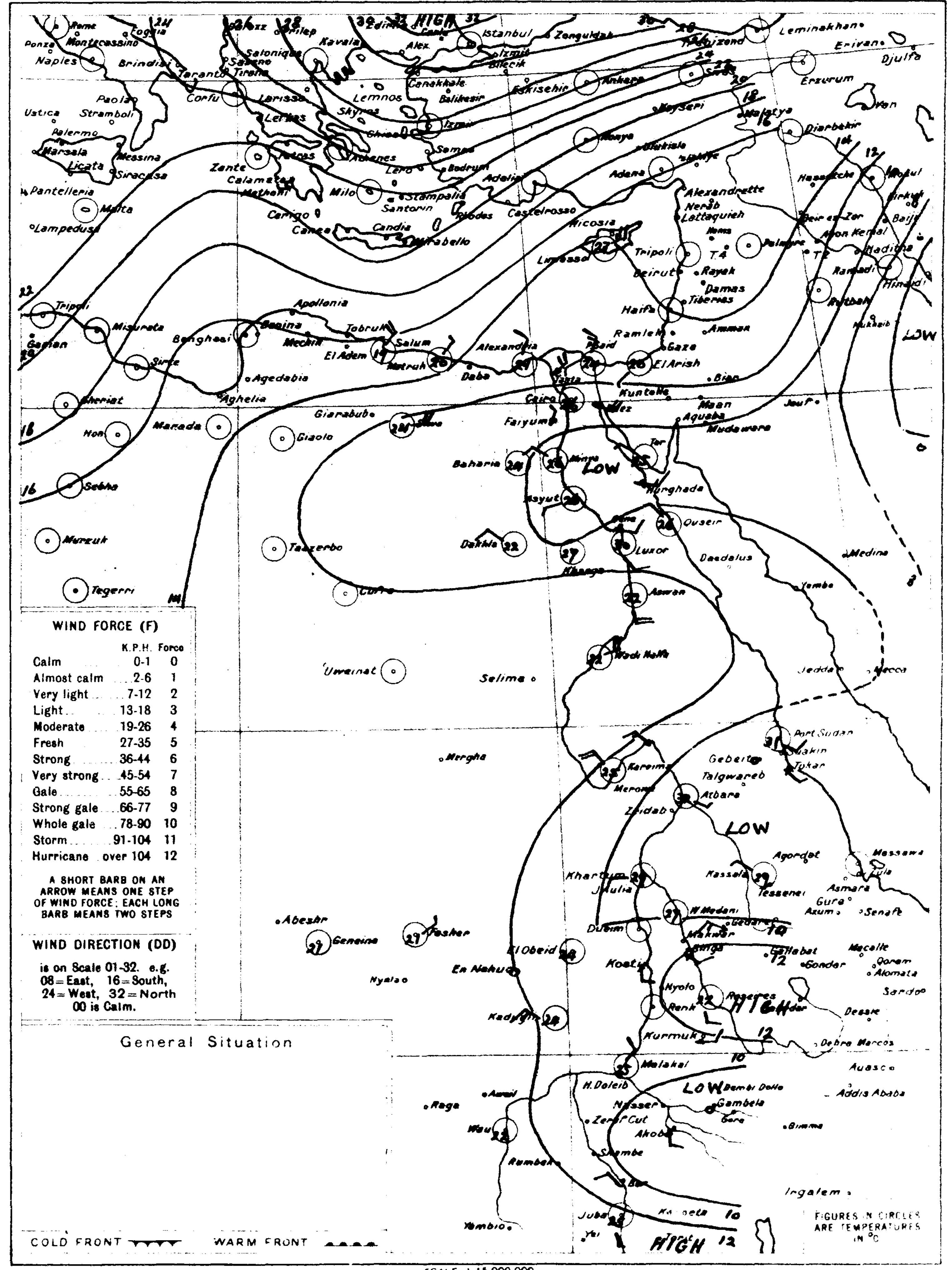
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
11-5	984	1100
10-5	964	1042

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba		12.90	-0.72	12.60	-0.91
Nasser				5.09	-0.91
Malakāl	4	9.38	-0.75	9.36	-0.76
Roseires		11.03	-0.65	11.03	-0.60
Sennār Res.		15.27	—	15.25	—
J. Aulia U.S				370.61	—
J. Aulia D.S				370.56	-0.32
Khartūm		9.49	-0.78	9.49	-0.78
Kh. el Girba					
Atbara		9.82	-0.19	9.62	-0.18
Kajnarti		131.55	-0.32	131.62	-0.25
Aswan Res.	=	119.00	—	119.04	—
Aswān D.S.		85.29	-0.40	85.29	-0.38
Roda (Cairo)		16.27	+0.79	16.27	+0.79

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٥-١١ Isobars, Wind and Temperature at 8 h. 11-5-1945



WIND FORCE (F)	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 11th الساعة ٨ يوم ١١

STATION محطة	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms
N. Hamadi	02	8	00	0	1	7	5	11.6	—	27.5	36	—	23	—	60	0	16	—
Limassol	01	9	06	4	1	4	4,2	13.5	+0.8	27	—	—	—	—	40	0	633	451

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 23.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	[illegible]
Cirro stratus	2
Cirro cumulus	[illegible]
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 05 h 03 m
Sunset 18 h 39 m

Month MAY 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h on 11th (الساعة ١٤ يوم 11) — At 8 h on Saturday 12th (الساعة ٨ السبت ١٢)

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar Press M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h Humidity % UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max Yesterday °C	Max Diff from norm °C	Min Today °C	Min Diff from norm °C	Humidity % UU	Rain Past 24 hrs mms	Rain Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
Mediterranean	SALUM																													130
	MATRUH	03	9	32	5	1	8	8	13.4	19.0	95	03	9	04	1	6	8	9	12.4	-1.6	19.0	21	-3	18	+2	95	4	167	159	131
	DIKHEILA																													150
	ALEXANDRIA	03	9	06	2	2	8	5	12.2	22.3	76	02	9	00	0	5	5	4	11.9	-2.1	22.0	24	-2	19	+2	82	tr	256	185	132
	DAMIETTA	01	8	12	3	1	3	5	11.8	26.1	67	02	7	08	3	2	6	8	11.0	—	24.9	26	—	21	—	81	0	100	104	159
	PORT SAID	01	8	04	4	1	4	1	11.5	24.8	72	02	8	08	2	2	6	8	11.5	-1.1	23.1	26	0	21	+4	86	0	83	78	134
	EL ARISH	01	9	30	1	1	3	8	10.3	26.3	63	61	8	00	0	6	4	9	11.1	-2.4	19.2	27	+1	17	+3	72	4	255	92	135
Lower Egypt	DAMANHUR	01	6	32	4	1	4	1	11.0	31.2	37	02	6	04	3	5	5	5	10.8	-3.0	24.0	32	+2	20	+6	78	dr	128	100	136
	MANSURA	01	8	04	2	1	4	8	11.0	32.0	43	01	7	08	2	1	4	8	10.8	—	25.7	33	+2	21	+6	69	0	61	53	137
	TANTA	02	8	08	4	2	6	5	9.2	33.0	30	02	8	12	1	2	5	8	10.8	-3.2	26.6	33	+1	20	+5	65	2	61	42	138
	ZAGAZIG	02	6	32	3	1	6	8	10.3	32.2	35	01	7	12	2	1	4	2	10.7	-3.2	26.4	33	+1	21	+6	63	0	46	26	139
Middle Egypt (Cairo)	ALMAZA	01	7	06	3	1	4	6,4	9.5	34.5	30	01	7	17	4	1	3	4,5	11.1	—	28.3	35	—	22	—	53	1	53	—	141
	EZBEKIYA	01	8	02	5	1	4	8	8.7	35.3	27	05	5	14	3	1	4	3	10.8	-2.5	28.7	36	+4	22	+5	49	dr	46	25	
	GIZA	01	8	04	5	1	4	8	7.8	34.6	29	05	5	12	2	1	4	3	10.7	-2.8	25.7	35	+3	19	+5	64	dr	46	25	
	HELWAN	21	7	30	5	5	4	9	7.4	34.1	25	02	7	14	4	2	5	4,5	11.2	-1.9	26.6	37	+5	21	+4	51	17	72	28	143
	SUEZ	03	9	00	0	2	6	9	9.0	32.7	46	02	9	00	0	2	6	8	11.4	-1.4	25.8	35	+4	22	+4	56	dr	37	17	144
Upper Egypt	FAIYUM	01	8	30	2	1	4	6	7.4	34.7	26	02	8	26	2	2	7	6	7.8	-5.2	26.0	36	+3	22	+6	57	0	77	8	153
	MINYA	02	8	20	2	2	5	5	8.3	35.5	31	02	7	12	2	2	5	4	11.9	-0.4	25.4	36	+2	23	+6	58	0	1	—	154
	ASYUT	03	7	20	1	2	8	4	7.5	34.0	27	03	6	20	1	2	8	4	12.8	+0.6	27.5	36	+1	24	+6	55	0	14	4	155
	QENA	02	8	22	3	2	6	2	9.5	35.0	29	01	8	22	2	1	4	1	13.2	+2.5	27.2	35	-3	21	+1	60	0	29	—	156
	LUXOR	03	7	14	3	2	8	3	11.0	32.8	40	00	7	22	2	0	0	—	13.8	—	28.0	33	—	21	—	57	0	1	—	157
	ASWAN	20	9	16	2	6	8	9	13.1	24.0	75	02	9	00	0	1	5	4	13.0	+2.2	23.6	24	-15	22	-1	78	2	5		158
Western Desert	SIWA	50	8	08	3	5	8	9	12.2	27.0	63	03	7	00	0	2	8	5	12.2	-2.3	21.4	28	-6	—	—	78	23	28	8	148
	BAHARIYA	03	9	32	4	2	8	—	10.8	29.8	54	01	9	00	0	1	4	—	11.6	-1.9	23.5	31		16		63	2	9		149
	KHARGA	02	8	20	1	2	8	8	10.6	32.8	28	01	8	16	2	1	5	1	12.7	+1.3	29.0	33	-5	23	+3	68	0	4.		151
	DAKHLA	02	8	12	2	1	6	9	10.0	32.0	28	00	8	16	1	0	0	—	12.6	+0.2	25.5	33	-5	20	+2	42	0	tr	—	152
Red Sea	TOR	03	6	20	1	2	8		10.3	29.9	64	02	6	12	1	1	6	4	12.3	+1.5	25.1	30	-1	24	+4	90	0	3	13	145
	HURGHADA	03	5	03	4	2	8	9	—	29.0	60	02	8	30	3	2	5	6	—	—	25.0	29	-3	22	+3	44	0	8		146
	QUSEIR	03	8	32	1	5	8	5	10.6	27.0	72	02	8	26	2	2	7	4	11.6	+0.8	27.0	30	-1	25	+2	51	dr	20		147
	PORT SUDAN																											90	96	169
North Sudan	WADI HALFA	62	8	10	4	6	8	5	13	23	78	02	9	00	0	1	7	4,5	13		23					84	1	1	—	165
	KAREIMA	62	8	30	4	6	8	4,5	11	27	52	02	8	08	2	6	7	4,5	12		26					74	1	1	1	166
	ATBARA	45	5	02	3	1	8	5	7	34	25	25	7	32	3	8	8	5	11		25					61	tr	tr	5	167
	KHARTUM																										0	tr	6	168
	KASSALA	01	8	17	2	0	4	8	5	37	27	02	8	04	1	1	6	6,4	12		24					84	0	18	16	170
Central Sudan	WAD MEDANI	02	9	08	2	1	6	6	7	32	36	08	4	14	2	4	4	3	12		27					58	0	8	18	171
	DUEIM																										0	4	18	173
	RENK	01	9	08	3	1	3	9	7	33	41																		66	182
	ROSEIRES																										0	7	73	172
	EL OBEID	02	9	10	2	1	8	8,4	6	32	36	01	9	04	2	1	5	8,4	12		26					66	0	6	24	174
	EL FASHER	02	8	16	3	2	6	6,4	8	27	84	02	9	16	2	2	6	6,4	—		23					89	0	5	10	175
	GENEINA	02	8	18	2	1	6	8	—	27	58	02	9	00	0	1	6	2	—		23					78			13	179
	KADUGLI	02	8	24	4	1	5	1	9	28	55	02	8	04	2	1	5	2	12		26					51			123	187
S. Sudan	MALAKAL	10	8	16	1	6	6	9,4	8	31	55	02	8	14	1	1	5	4,5	12		25					84	2	54	146	176
	WAU	02	8	02	1	1	8	6,5	11	25	79	02	8	00	0	1	7	6,5	12		24					94	11	204	281	177
	JUBA	01	8	04	1	1	4	9,4	8	32	50	02	8	00	0	1	7	6,4	14		23					94	5	259	365	178

UPPER WINDS ON 12th (١٢ يوم)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KHARTUM (W.Halfa Kareima)	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	8 h 30 m	h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m
				02 19 30		02 31 15	05 20 15	10 21 20	10 11 15	10 03 10	10 11 10	10 26 20	
				05 20 30		05 32 10	10 21 20	15 22 55	15 25 15	15 01 10	15 16 10	15 26 20	15 31 05
				08 21 30		10 23 15	15 23 20	20 21 35	20 24 20	20 01 15	20 22 25	20 23 10	20 34 10
				10 22 25		15 19 25	20 21 25		25 24 05	25 35 15	25 24 30	25 23 10	
				15 24 20		20 17 25	25 23 25		30 22 10	30 35 20	30 25 35	30 21 05	
				20 22 40		25 17 30	30 25 30				40 26 30	40 15 10	
						30 18 -5					45 26 30	45 13 30	

Forecast for 24 hours from noon on

تعبيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 11th	Diff. from normal	Wet Bulb Temp °C on 11th	Diff. from normal
Alexandria	81	+11	19.3	+1.4
Ezbekiya	47	-3	20.3	+2.3
Giza	57	+6	21.3	+3.7
Helwan	52	+14	20.0	+4.1

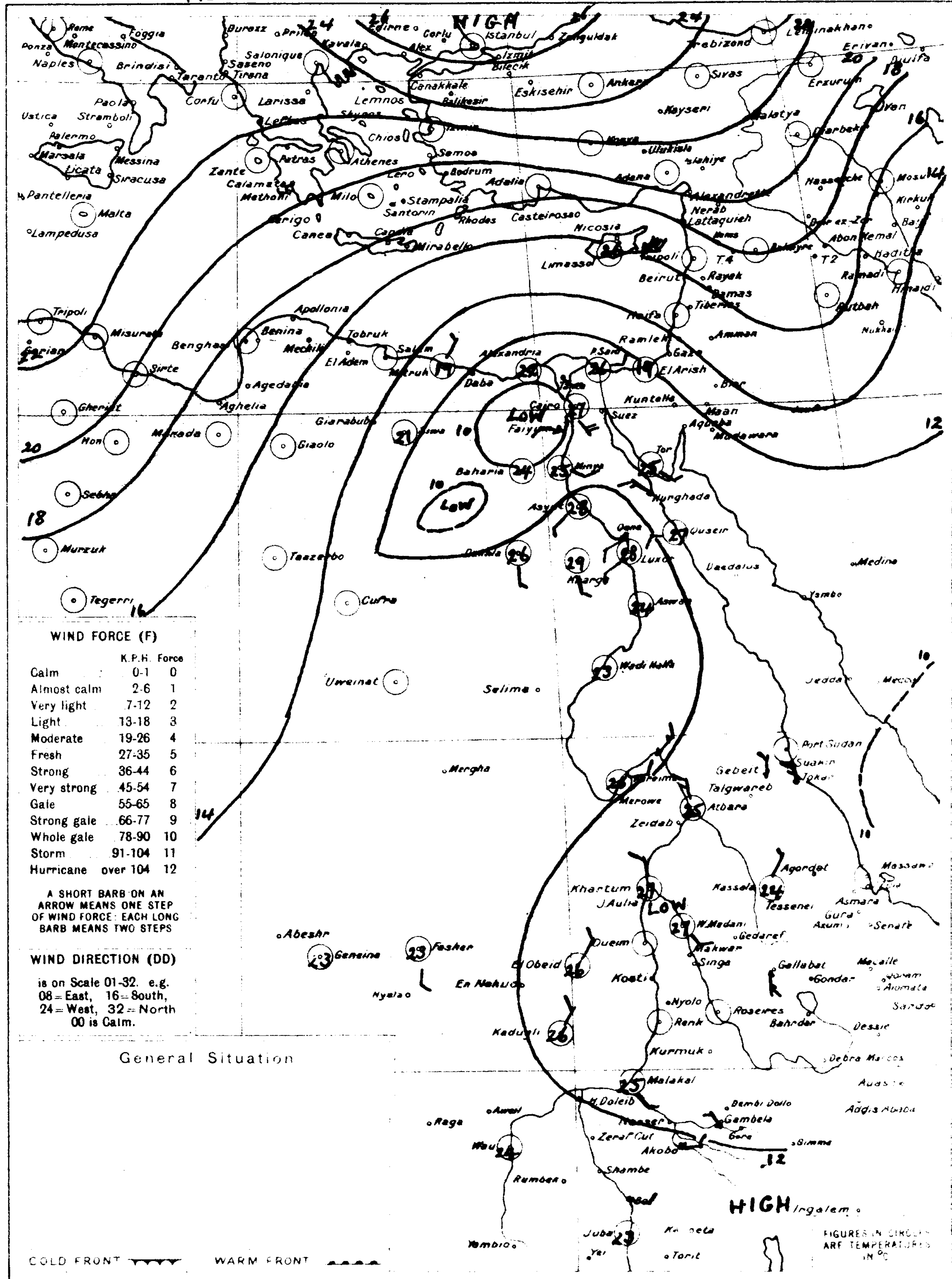
Giza Grass minimum on 12th 16.7 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
12-5	984	1100
11-5	984	1100

Gauge	Date 1945	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	5			12.80	-0.72
Nasser					
Malaka				9.38	-0.75
Roseires				11.03	-0.65
Sennar Res.				15.27	
J. Aulia U.S.					
J. Aulia D.S.					
Khartum				9.49	-0.78
Kh. el Girba					
Atbara				9.82	-0.19
Kajnarti	12			131.55	-0.32
Aswan Res.		118.96	—	119.00	—
Aswan D.S.		85.28	-0.43	85.29	-0.40
Roda (Cairo)		16.29	+0.81	16.27	+0.79

Isobars, Wind and Temperature at 8 h. 12-5-1945 ١٩٤٥-٥-١٢



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68-69
Snow	70-79
Showers	80-89
„ of Snow	83-84
„ of Sleet	85-86
„ of Hail	88-89
Thunderstorm	90-99
„ with slow Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

At 8 h. on 12th (الساعة ٨ يوم ١٢)

Station (مرصد)	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C	Max Yesterday °C	Diff from norm °C	Min Today °C	Diff from norm °C	Humidity %	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Nag Hamadi	00	8	00	0	0	3	4	13.6	—	27.9	33	—	22	—	59	0	16	
Limassol	02	9	08	9	1	5	4,5	14.4	+1.7	26	—	—	—	—	45	0	633	451

SHIPS (سفن)

Remarks

Water Tempt.
River Nile Cairo
24.0 C°

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

CAIRO
Time of Sunrise 05 03
Sunset 18 40

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month May 1945 مايو

1417 F.C.

12th ١٢ — Sunday 13th ١٣

Station																													No.
SALUM	03	7	32	2	5	8	7	13.0	18.1	77	03	7	32	6	2	8	8	11.1	—	18.3	22	—	—	—	95	9	—		
MATRUH	02	9	04	1	2	5	8	11.2	20.5	86	04	1	00	0	4	8	6	10.8	-3.2	19.0	21	-3	18	+2	100	dz	107	159	
[illegible]																													150
ALEXANDRIA	03	8	10	2	5	8	5	11.2	23.0	83																3	259	185	
DAMIETTA	01	8	10	3	1	4	6	9.1	28.8	63	01	7	12	2	1	3	4	10.8	—	24.4	29		20		78	8	108	104	
PORT SAID	01	8	06	4	1	5	6	9.8	25.6	71	01	8	10	2	1	3	1	10.6	-2.0	23.4	27	+1	20	+3	78	5	88	78	134
[illegible]	01	9	30	1	1	3	8	—	27.3	59	01	8	00	0	6	4	8	10.3	-3.2	25.7	29	+3	17	+3	72	25	280	92	
DAMANHUR	03	6	04	3	5	8	5	11.0	26.0	67	01	6	04	3	1	4	1	10.0	-3.8	25.0	27	-3	19	+5	62	tr	128	100	
MANSURA	50	7	24	3	5	5	9	10.4	31.2	44	01	7	12	2	1	4	8	10.6	—	26.2	35	+4	19	+4	66	dz	61	53	
TANTA	02	8	08	3	1	5	4	10.8	31.0	53	01	8	16	2	1	4	4	11.5	-2.5	25.5	33	+1	18	+3	65	dz	61	42	138
[illegible]	11	6	24	2	1	6	9	10.8	31.4	42	00	7	20	2	0	2	1	10.4	-3.4	27.2	33	+1	20	+5	54	2	48	26	
ALMAZA	93	6	22	3	9	7	9	11.9	26.9	73	00	7	20	1	0	3	4	10.8	—	26.8	33		21		58	4	57		141
[illegible]	57	8	20	3	5	7	9	11.1	30.0	42	05	7	00	0	0	4	4	10.4	-2.9	27.6	34	+2	21	+4	54	dz	46	25	
GIZA	50	7	18	2	5	6	9	11.0	33.0	35	01	7	00	0	1	3	4	10.0	-3.4	24.7	34	+2	21	+7	64	dz	46	25	
HELWAN	02	8	24	2	6	7	9	10.8	27.9	52	01	7	00	0	1	4	4	10.2	-2.9	23.1	33	+1	20	+3	67	1	73	28	143
[illegible]											02	8	00	0	2	5	5	11.2	-1.5	24.0	36	+4	20	+2	86	12	49	17	144
FAYUM	50	8	22	4	5	8	7	10.6	30.0	46	01	8	00	0	1	4	6	10.3	-2.7	27.2	32	-1	18	+1	48	3	80	8	153
MINYA	02	8	20	2	5	5	4	10.7	32.7	38	01	8	18	2	1	4	8	10.7	-1.6	25.7	33	-1	19	+2	61	dz	1		154
ASYUT	01	7	12	1	2	5	8	10.3	34.0	22	01	7	18	1	2	5	5	11.1	-1.1	24.0	35	0	19	0	67	15	29	4	155
QENA	01	9	22	2	1	4	3	10.5	33.0	37	01	7	28	2	1	4	3	10.2	-0.5	27.2	35	-3	23	+3	48	0	29		156
LUXOR	02	7	30	2	2	8	3	11.5	35.0	35	00	7	32	1	0	0	—	11.4	—	30.3	35		23		42	0	tr		157
ASWAN	02	9	16	1	1	5	4	11.2	31.2	42	05	4	32	1	4	4	4	10.6	-0.1	26.3	33	-6	22	-1	43	0	5	—	158
SIWA	03	8	04	3	2	8	5	11.8	26.2	54	03	7	00	0	2	8	5	10.7	-8.7	20.5	27	-7	15	-1	77	3	31	1	148
BAHARIYA	01	9	32	1	1	4	—	9.4	34.0	59	00	9	00	0	0	0	—	10.0	-3.5	24.5	35		15		64	0	9		149
KHARGA	01	8	12	2	1	5	1	10.8	32.4	40	11	9	32	2	2	7	9	11.2	-0.1	21.8	33	-5	19	-1	68	2	6	—	151
DAKHLA	00	9	16	2	0	0	—	10.0	32.0	38	03	7	12	1	2	8	9	11.5	-0.8	23.0	33	-5	18	-1	59	3	3		152
TOR	00	6	20	1	0	0	—	11.9	27.9	87	07	6	04	1	9	6	9	11.1	+0.3	24.4	29	-2	21	+1	92	2	5	13	145
HURGHADA	03	8	12	2	2	8	9	8.0	30.0	71	01	8	12	2	1	4	8	—	—	28.0	30	-2	22	+2	70	0	8	—	146
QUSEIR	01	8	10	4	1	4	4	11.5	27.4	81	01	8	30	1	1	4	6	10.7	-0.1	25.0	29	-2	24	+1	84	0	20	—	147
PORT SUDAN																										0	90	96	169
WADI HALFA	01	9	18	3	1	4	8,4	10	33	41	00	8	28	3	0	1	4	10		27					70	0	6		165
KAREIMA	02	8	12	2	1	7	4,5	9	28	55	02	7	08	3	1	5	4	9		28					55	0	1	1	166
ATBARA	02	8	30	2	8	5	4,5	8	33	36	01	7	16	2	1	4	4	8		30					52	0	tr	5	167
KHARTUM																										0	tr	6	168
KASSALA	01	8	00	0	1	5	8,4	7	32	52	01	8	20	2	1	5	4	10		27					66	0	18	17	170
WAD MEDANI	28	8	08	1	4	6	9	8	30	59	02	7	16	3	1	7	1	9		25					89	7	15	18	171
DUEIM																										0	4	19	173
RENK	01	9	18	3	1	4	9	5	39	23	01	9	16	3	1	4	9	10		28					52	—	—	67	182
ROSEIRES											02	7	12	2	—	6	4	13		23					94	16	23	75	172
EL OBEID	02	9	16	2	1	5	4,5	6	33	13	01	9	14	3	1	4	4	9		27					66	0	6	24	174
EL FASHER											00	9	26	2	1	0	—	—		25					58	3	9	10	175
GENEINA											00	8	00	0	0	3	1	⊥		22					61	—	—	14	179
KADUGLI	02	8	08	4	1	5	4	7	34	36	02	8	10	2	1	5	4	10		26					79	—	—	125	187
MALAKAL											01	8	12	1	1	5	4	11		26					79	23	88	148	176
WAU	02	8	00	0	1	5	8,4	10	31	52	02	8	00	0	1	6	4,5	10		26					70	0	273	285	177
JUBA	02	8	10	2	8	7	6,4	13	27	70	01	8	00	0	4	4	4	13		23					94	0	261	370	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM — MATRUH — DAKHLA — PORT SAID — HELWAN — MINYA — ASYUT — ASWAN — WADI HALFA — KAREIMA — KHARTUM — KASSALA — EL OBEID — MALAKAL — JUBA

Helwan 8 h 30 m:
02 23 02
05 20 15
08 23 30
10 23 25
15 22 20
20 22 20
23 22 30
25 22 30
30 22 30
34 21 30

7 h — 7 h — 7 h — 7 h:
02 17 30 02 36 15 10 14 15 10 14 15
05 18 25 05 26 35 15 23 25 15 17 15
10 22 30 10 24 02 20 19 25 20 22 20
15 22 30 15 18 10 30 23 35 30 19 30
20 22 35 20 21 15
30 21 35 25 23 35
35 27 10 30 23 15
35 24 15

7 h — 7 h — 7 h — 7 h:
10 09 15 10 11 05 10 20 05 10 17 10
15 16 10 25 30 05 15 09 05 15 19 05
20 16 20 20 30 05 20 09 15 20 16 15
25 17 25 30 18 05 25 11 15 30 14 10
30 14 10 40 19 15
40 15 15 50 11 10
50 15 20

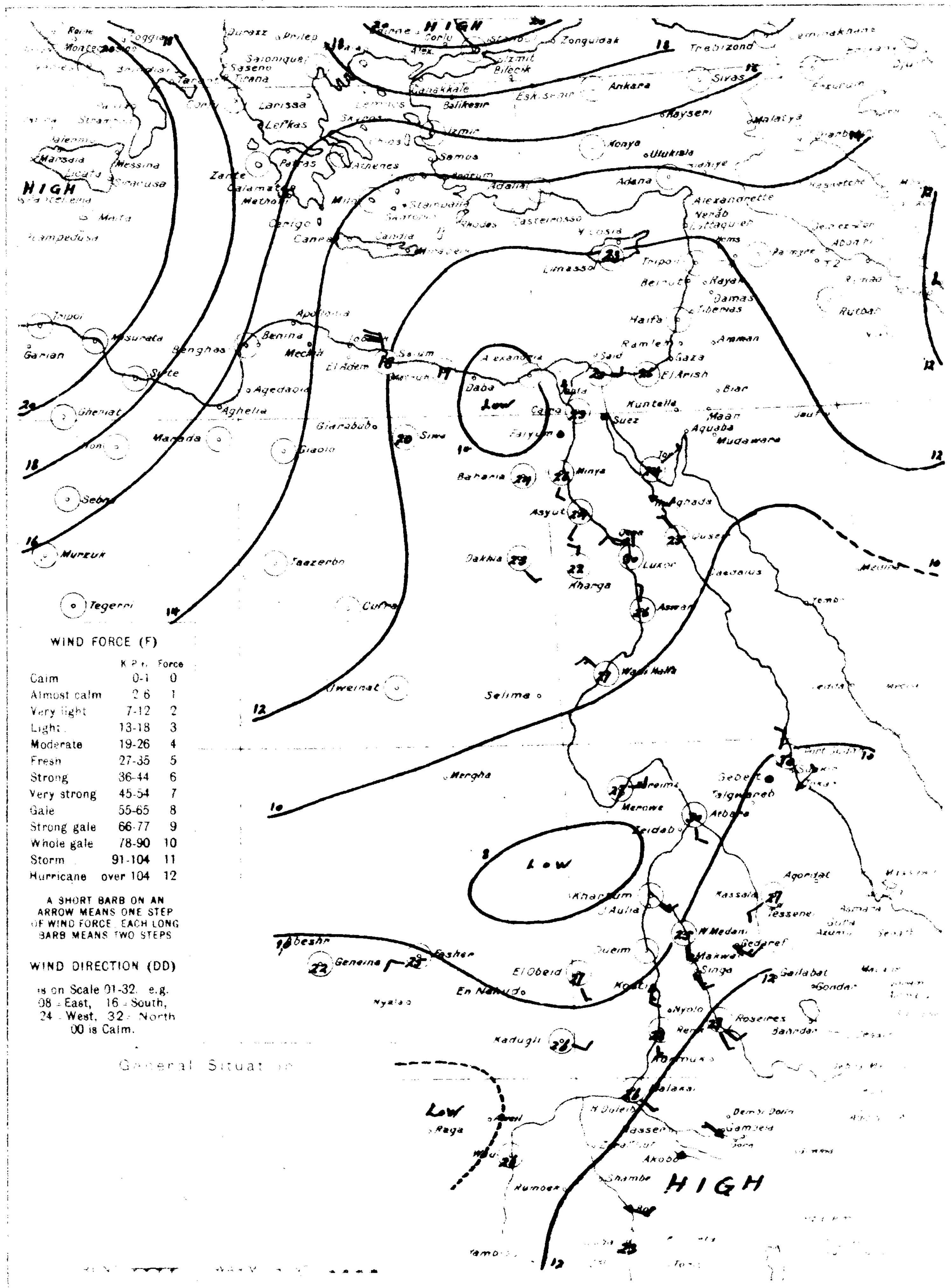
12th 12th
47 - 3 21.1 + 3.1
57 + 6 21.2 + 3.5
55 + 17 20.2 + 4.2
13th 16.9

13 - 5 984 1100
12 - 5 984 1100

13-5

5.36 - 0.72 5.36 - 0.70
9.41 - 0.76 9.39 - 0.76
11.08 - 0.67 11.02 - 0.70
14.66 — 15.02 —
370.56 — 370.56 —
370.51 - 0.37 370.52 - 0.36
9.41 - 0.86 9.42 - 0.85
9.84 - 0.17 9.84 - 0.17
131.49 - 0.39 131.51 - 0.36
118.86 — 118.96 —
85.28 - 0.44 85.28 - 0.43
16.31 + 0.83 16.39 + 0.81

Isobars, Wind and Temperature at 8 h. 13.5.1945 ١٩٤٥/٥/١٣



General Situation

8 h 13th ١٣

N. Hamadi	01	8	00	0	0	4	4	12.0	—	27.9	35	—	20	—	49	0	16	—
Limassol	03	9	00	0	2	8	—	11.2	-1.5	23	—	—	—	—	—	0	633	452

Water Temp
R. Nile Cairo
24.5 C

PAST WEATHER (W)

VISIBILITY (V)

Annual Subscription Inland Post

CAIRO

Time of Sunrise 05 03

Sunset 18 40

Month MAY, 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٤٥/٥/١٤

1417 F.C

At 8 h. on 13th (الساعة ٨ يوم ١٣) — At 8 h. on MONDAY 14th (الساعة ٨ يوم الاثنين ١٤)

Region	Station	13th: Present weather ww	V	Wind DD	F	Past weather W	Cloud Amount N	Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp °C TTT	Humidity UU	14th: Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temp. Dry bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm °C	Minimum Today °C mm	Diff. from norm °C	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
Mediterranean	SALUM	00	9	04	4	0	0	—	11.1	21.2	82												—		—				—	130
	MATRUH	02	9	04	1	5	5	8	10.8	21.0	91	21	4	04	2	5	8	9	11.0	-3.0	21.0	23	-2	17	+1	65	4	111	159	131
	DIKHEILA																						—		—				—	150
	ALEXANDRIA	01	8	10	4	2	4	8	9.1	23.4	78	01	8	00	0	2	4	4	9.4	-4.6	22.0	27	+1	19	+1	74	1	~~257~~ 260	185	132
	DAMIETTA	02	8	04	4	1	5	6	9.6	23.9	81	02	8	18	1	1	5	8	9.0	—	24.5	25	—	18	—	72	2	110	104	159
	PORT SAID	01	8	06	4	1	4	2	9.4	24.2	76	02	8	18	2	2	7	8	9.1	-3.5	22.5	26	0	18	+1	72	19	107	78	134
	EL ARISH	01	9	30	1	1	3	8	11.5	27.3	59	00	9	20	3	8	0	—	9.9	-3.6	22.1	29	+3	18	+4	68	31	311	92	135
Lower Egypt	DAMANHUR	01	6	28	4	1	4	8	8.0	29.0	42	01	6	24	3	1	3	8	9.1	-4.7	22.2	31	+1	16	+1	68	34	162	100	136
	MANSURA	01	7	02	3	1	4	8	8.6	33.7	40	01	7	14	2	1	4	9	9.0	—	22.0	34	+3	17	+2	76	35	96	53	137
	TANTA	02	8	32	2	1	5	8	7.5	33.0	44	00	8	00	0	6	0	—	9.0	-5.0	22.4	34	+2	17	+2	81	13	74	42	138
	ZAGAZIG	00	7	28	2	1	3	8	9.0	33.2	57	00	7	16	2	0	3	1	9.1	-4.7	26.2	33	+1	19	+4	58	dr.	48	26	139
Middle Egypt (Cairo)	ALMAZA											00	8	20	1	0	2	4,1	9.0	—	26.4	34	—	20	—	61	3	60	—	141
	EZBEKIYA	01	8	24	2	1	3	8	8.7	32.2	38	05	6	16	3	0	2	8	9.0	-4.2	25.8	34	+2	19	+2	59	8	54	25	—
	GIZA	01	8	24	2	1	4	8	8.6	35.1	29	01	6	16	2	1	3	6	8.6	-4.8	23.5	36	+4	17	+3	73	4	50	25	—
	HELWAN	00	8	16	3	0	3	8	8.3	32.2	32	00	8	14	1	0	1	4	8.6	-4.4	24.0	33	+1	16	-1	67	28	101	28	143
	SUEZ	02	8	00	0	2	5	9	9.6	26.0	68	01	9	14	1	1	3	5	9.5	-3.2	25.8	29	-3	19	+1	67	dr.	49	17	144
Upper Egypt	FAIYUM	01	8	26	3	1	4	6	8.0	32.7	31	01	8	00	0	6	3	6	9.2	-3.8	24.0	34	+1	18	+1	67	21	101	8	153
	MINYA	01	9	20	3	1	4	4	8.7	33.9	41	00	8	24	1	1	0	—	8.4	-3.9	27.3	34	0	19	+2	57	tr.	1	—	154
	ASYUT	01	6	26	1	1	5	4	9.2	31.5	43	01	6	12	1	1	3	4	9.0	-3.2	27.7	32	-3	21	+2	54	0	29	4	155
	QENA	01	8	22	4	1	4	3	8.7	35.0	29	01	7	08	2	1	3	1	8.6	-2.1	26.9	36	-2	20	0	52	dr.	29	—	156
	LUXOR	02	7	26	2	2	5	3	9.2	37.0	30	00	7	30	1	0	0	—	9.4	—	30.0	38	—	22	—	49	0	tr.	—	157
	ASWAN	01	9	16	1	1	4	4	8.3	35.0	28	02	9	32	1	5	5	6	8.6	-2.1	26.5	36	-3	24	+1	32	1	6	—	158
Western Desert	SIWA	03	8	28	2	2	8	6	11.8	23.8	69	60	7	00	0	6	8	9	11.6	-2.8	18.5	28	-6	18	+2	58	2	33	8	148
	BAHARIYA	01	9	00	0	1	4	—	9.0	33.0	53	00	9	32	1	0	0	—	10.2	-3.2	24.5	36	—	16	—	64	0	9	—	149
	KHARGA	10	9	12	2	1	4	9	9.8	31.3	50	00	9	16	1	1	3	1	9.2	-2.1	25.6	32	-6	19	-2	65	4	10	—	151
	DAKHLA	02	8	20	1	1	6	9	9.4	30.0	41	00	8	00	0	0	0	—	10.3	-2.0	26.0	33	-5	18	-1	55	0	3	—	152
Red Sea	TOR	02	6	20	1	1	8	—	10.8	27.0	81	00	6	28	1	0	0	—	9.8	-0.9	23.8	28	-3	21	+1	95	0	5	13	145
	HURGHADA	02	8	12	4	6	7	9	—	29.5	67																		—	146
	QUSEIR	00	8	06	1	1	0	—	10.4	26.4	81																		—	147
	PORT SUDAN																										1	91	96	169
North Sudan	WADI HALFA	01	8	30	3	0	3	8	7	34	34	01	8	20	3	1	5	4	8		32					43	0	6	—	165
	KAREIMA	02	6	04	2	1	5	8,4	5	37	24	01	8	14	2	6	4	4	8		27					70	tr.	1	1	166
	ATBARA	01	7	08	2	6	7	9	4	33	47	81	7	02	2	8	8	9	8		24					89	11	11	5	167
	KHARTUM																										6	6	6	168
	KASSALA	01	8	22	2	1	4	8,4	5	34	41																0	18	17	170
Central Sudan	WAD MEDANI	02	8	32	2	1	5	8	3	36	35	28	8	08	3	9	8	9	10		23					94	3	18	19	171
	DUEIM																										0	4	19	173
	RENK	01	9	20	3	1	4	9	5	36	33	03	9	28	3	1	8	8	7?	—	29			—	—	48	—	—	68	182
	ROSEIRES	01	7	16	2	1	4	2	7	28	70	01	7	12	2	1	6	4	10		26					84	0	23	77	172
	EL OBEID	11	9	24	2	1	6	9,4	4	34	36	02	9	30	3	1	6	4,5	9		25					79	8	14	25	174
	EL FASHER	01	9	32	1	1	4	8	—	34	29	02	9	12	1	1	6	4,5	—		24					74	0	9	10	175
	GENEINA	00	8	24	1	0	0	—	—	33	10	02	8	00	0	1	8	2	—		26					28	—	—	15	179
	KADUGLI	02	8	20	2	1	5	4	6	34	39	02	8	24	3	1	6	4	9		25					84	—	—	127	187
S. Sudan	MALAKAL	02	8	28	1	1	5	8,1	5	34	44	02	8	00	0	5	6	4,5	8		28					70	tr.	88	150	176
	WAU	02	8	12	1	1	5	4,5	7	38	24	02	8	00	0	1	8	4,1	9		24					74	0	273	289	177
	JUBA	01	8	30	2	1	5	8	9	33	44	02	8	22	2	1	7	6	12		24					69	0	261	375	178

UPPER WINDS ON 14th (الرياح العليا يوم ١٤)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 30 m.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA	KAREIMA	FASHER 5 h.	GENEINA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	JUBA 7 h.
				02 18 15		02 14 05	02 03 10			10 17 05	10 36 05	10 28 30	10 29 10	10 20 20
				05 19 20		05 17 05	05 04 20			15 12 15	15 29 25	15 25 25	15 26 05	15 29 10
				08 22 25		10 18 10	10 19 25			20 01 10	20 23 15	20 18 25	20 19 15	18 31 10
				10 25 20		15 20 25				35 33 15	35 19 30	35 09 05	35 15 20	
				15 25 25		20 23 35				40 21 10	40 18 40		40 10 20	
				20 24 50		25 23 30				55 22 35	50 25 30			
				23 23 45		30 23 35								
				25 22 60										
				30 24 55										
				31 23 60										

(The headings "FASHER" and "GENEINA" are handwritten over the printed station headings.)

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 13th	Diff. from normal	Wet bulb temp °C on 13th	Diff. from normal
Alexandria	78	+7	19.4	+1.3
Ezbekiya	60	+10	21.0	+2.9
Giza	73	+22	20.8	+3.0
Helwan	78	+40	19.4	+3.3

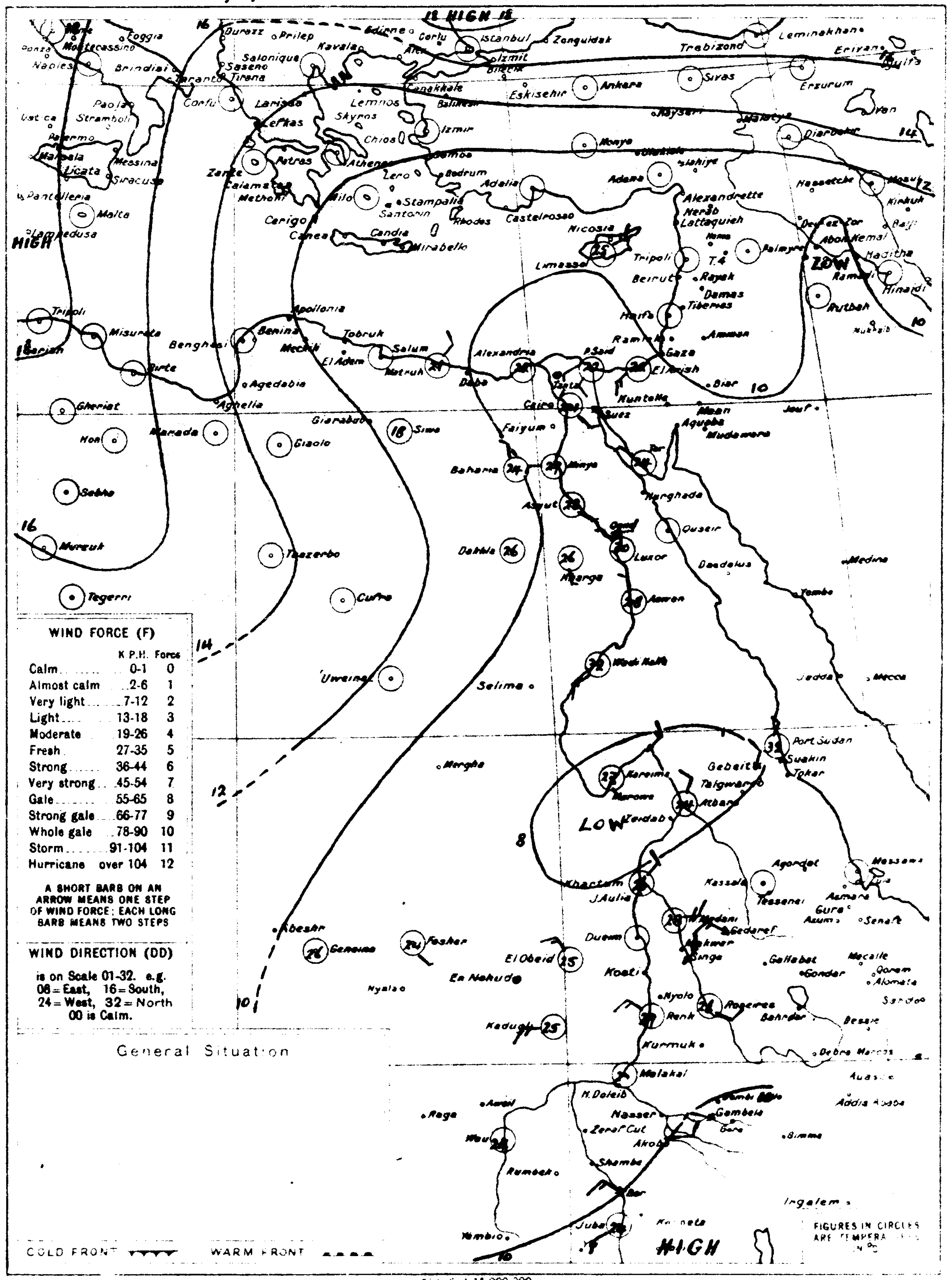
Giza Grass minimum on 14th 13.6 °C

Discharges at Aswan measured by sluices in m³ per sec.

DATE	1945	1944
14-5	984	1157
13-5	984	1100

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba					
Nasser					
Malakal		9.44	-0.74	9.41	-0.76
Roseires	5			11.08	-0.67
Sennar Res.				14.66	—
J. Aulia U.S.				370.56	—
J. Aulia D.S.				370.51	-0.37
Khartum	14			9.41	-0.86
Khashm el Girba					
Atbara				9.84	-0.17
Kajnarti				131.49	-0.39
Aswan Res.		118.75	—	118.86	—
Aswan D.S.		85.29	-0.44	85.28	-0.44
Roda (Cairo)		16.33	+0.85	16.31	+0.83

Isobars, Wind and Temperature at 8 h. 14-5-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15 000 000

At 8 h. on 14th (الساعة ٨ يوم ١٤)

Station	Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Dry bulb °C	Max. Yesterday °C	Diff. from norm	Min. Today °C	Diff. from norm	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
N Hamadi	01	8	00	0	0	4	4	8.6	—	28.2	34	—	20	—	55	dr.	16	—
Limassol	02	9	06	3	2	8	4,5	9.6	-3.1	25	—	—	—	—	45	0	633	452

SHIPS

Remarks

Water Temp River Nile Cairo 25.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	—
Cirro-stratus	2
Cirro-cumulus	—
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	—
Nimbo-stratus	—
Cumulus	—
Cumulo-nimbus	—
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100, ABROAD P.T. 150

CAIRO 1417 F.C.

Time of Sunrise 05 h 02 m
Sunset 18 h 41 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month MAY 1945 ١٩٤٥ شهر مايو

At 12 h on 14th الساعة ١٢ يوم ١٤ — At 8 h on TUESDAY 15th الساعة ٨ يوم الثلاثاء ١٥

Station	12h ww	V	DD	F	W	N	C	Bar. press PPP	Temp TTT	Humidity UU	8h Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	00	9	04	1	1	0	—	11.6	20.5	77	01	9	30	1	1	4	8	11.6	-2.4	20.0	22	-3	18	+2	05	0	111	159	131
DIKHEILA																													150
ALEXANDRIA	01	9	14	1	2	4	8	9.4	24.0	75	02	9	00	0	2	5	4	10.6	-3.4	23.4	27	+1	18	0	73	0	260	185	132
DAMIETTA	01	8	08	2	1	3	8	9.8	23.9	80	01	8	12	2	2	3	4,8	9.6	—	24.0	25		20		77	tr.	110	104	159
PORT SAID	01	8	04	4	1	3	9	9.8	21.2	83	01	8	08	3	1	3	6	9.9	-2.7	22.7	25	-1	20	+3	77	tr.	107	78	134
EL ARISH	03	9	30	1	0	0	—	10.8	26.7	57	03	8	00	0	6	8	9	9.4	-4.1	24.3	28	+1	18	+4	69	7	318	92	135
LOWER EGYPT																													
DAMANHUR	02	6	28	3	1	5	8	9.5	26.8	48	01	6	32	3	1	4	8	9.6	-4.2	21.6	28	-2	18	+3	78	7	169	100	136
MANSURA	02	6	02	3	2	5	9	9.8	27.2	60	01	7	32	2	1	4	8	9.6		24.0	29	-2	20	+4	75	0	96	53	137
TANTA	02	8	00	0	2	5	8	9.2	28.8	59	02	7	00	0	6	5	8	9.6	-4.3	24.0	30	-2	18	+3	80	9	83	42	138
ZAGAZIG	01	6	32	2	1	4	8	9.4	31.8	42	01	7	28	2	1	3	1	9.8	-4.0	23.2	32	0	18	+3	78	9	57	27	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	81	7	30	2	9	5	8,9,x	10.0	26.7	54	05	6	02	1	0	4	6	10.6	—	21.0	31		16		80	10	70	—	141
EZBEKIYA	02	8	28	3	2	5	8	9.5	27.2	54	09	5	32	1	1	4	8	10.6	-2.6	23.6	30	-2	19	+2	72	2	56	25	—
GIZA	02	8	28	2	1	5	8	9.1	27.8	54	09	5	06	1	1	4	8	10.0	-3.4	21.8	31	-1	17	+3	81	1	51	25	—
HELWAN	02	8	26	4	1	5	8	7.4	28.0	51	09	6	28	2	0	1	8	9.6	-3.4	21.0	31	-1	17	0	78	25	126	28	143
SUEZ	02	7	00	0	2	5	9	8.6	27.8	58	02	9	18	1	2	5	8	9.6	-3.0	26.7	30	-2	19	0	65	7	56	17	144
UPPER EGYPT																													
FAIYUM	01	8	26	2	1	3	6	7.8	31.0	34	00	8	00	0	0	0	—	9.6	-3.4	25.2	32	-1	18	+1	63	8	109	8	153
MINYA	02	8	20	2	2	5	8	7.8	34.3	36	00	9	12	1	0	0	—	9.5	-2.8	26.8	35	+1	19	+2	51	tr.	1	—	154
ASYUT	01	8	20	1	1	4	8	8.3	34.5	29	00	7	12	1	0	0	—	10.0	-2.1	26.9	35	0	20	+1	47	0	29	4	155
QENA	01	8	26	2	3	4	3	7.6	33.0	38	05	7	22	2	1	0	—	8.8	-1.9	28.5	35	-3	21	+1	51	0	29	—	156
LUXOR	00	7	32	2	0	0	—	8.7	34.0	38	00	7	02	1	0	0	—	9.2	—	31.8	37		22		39	0	1	—	157
ASWAN	01	9	16	2	1	4	8	6.3	36.5	24	00	9	32	2	9	0	—	8.3	-2.4	26.7	37	-2	22	-1	65	2	8		158
WESTERN DESERT																													
SIWA	03	8	28	2	2	8	5	10.7	24.5	64	00	7	00	0	0	0	—	10.3	-4.1	21.3	26	-8	16	0	71	tr.	34	8	148
BAHARIYA	01	9	32	1	1	3	—	9.2	31.0	56	00	9	00	0	0	0	—	10.2	-3.2	24.4	34		16		65	0	9		149
KHARGA	00	9	16	1	0	0	—	8.6	33.1	36	00	9	32	3	0	0	—	9.9	-1.3	26.7	33	-5	21	0	38	0	10		151
DAKHLA	00	9	32	1	0	0	—	9.0	31.0	37	00	8	12	1	0	0	—	10.6	-1.6	25.0	32	-6	20	+1	54	0	3	—	152
RED SEA																													
TOR	00	6	24	1	0	0	—	8.8	28.9	79	00	6	00	0	0	2	1	9.0	-1.7	24.2	32	+1	23	+3	92	0	5	13	145
HURGHADA																													146
QUSEIR																													147
PORT SUDAN																										0	91	96	169
NORTH SUDAN																													
WADI HALFA	00	8	20	2	1	2	8	7	36	31	05	6	28	4	1	3	4	8		29					43	0	6	—	165
KAREIMA	01	8	18	2	1	4	8,4	5	35	35	02	8	18	1	1	5	1	8		34					50	0	1	1	166
ATBARA	01	8	28	2	6	5	8,4	5	33	41	02	9	16	1	1	8	5	8		27					58	tr.	11	5	167
KHARTUM																										1	7	6	168
KASSALA	01	8	28	2	1	4	9,4	2	36	37	01	8	16	1	1	5	4,1	8		27					70	0	18	18	170
CENTRAL SUDAN																													
WAD MEDANI	02	9	00	0	9	6	3	6	31	55	22	9	16	4	5	6	6	10		25					84	1	19	19	171
DUEIM																										0	4	19	173
RENK	01	9	04	3	1	5	9	5	28	70	03	9	16	3	1	8	8	—		26					79	0	—	69	182
ROSEIRES	02	7	16	2	5	6	5	8	26	79	02	7	12	2	2	7	6	10		26					79	1	24	79	172
EL OBEID	02	9	32	2	1	6	6,8,1	4	31	43	22	9	22	3	6	8	6,4,5	10		23						1	15	25	174
EL FASHER											02	9	12	3	1	6	8,4,5	—		25					74	0	9	11	175
GENEINA											02	8	00	0	1	8	1,2	—		22					41	0	—	16	179
KADUGLI	91	8	28	2	1	4	9	4	34	41	02	8	28	3	1	6	4	12		23					94	0	—	129	187
S. SUDAN																													
MALAKAL	10	8	04	2	1	5	8,4		37	33	03	8	10	2	6	8	6,4,5	12		23					94	5	93	152	176
WAU	03	8	15	1	1	8	8,4,1	5	33	47	03	8	02	2	1	8	6,4,5	11		24					84	0	273	293	177
JUBA	61	8	00	0	8	7	7	10	31	50	02	8	04	1	1	7	6,4,5	13		23					100	17	278	380	178

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	CAIRO (07 h 45 m)	PORT SAID	HELWAN (8 h 15 m)	MINYA	ASYUT (7 h)	ASWAN (7 h)	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
		02 36 10		02 35 10		02 10 05	02 36 10							
		04 36 05		05 33 10		05 05 05	05 08 10							
				08 24 20		10 26 25	10 08 15							
				10 22 20		15 22 25	15 08 20							
						20 23 35	20 10 05							
						25 23 50	25 22 20							
						30 24 60	30 14 45							

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Station	Mean of day — Humidity % on 14th	Diff. from normal	Wet bulb temp °C on 14th	Diff. from normal
Alexandria	78	+ 7	19.9	+1.7
Ezbekiya	63	+13	20.3	+2.1
Giza	76	+26	20.5	+2.6
Helwan	61	+43	19.6	+3.4

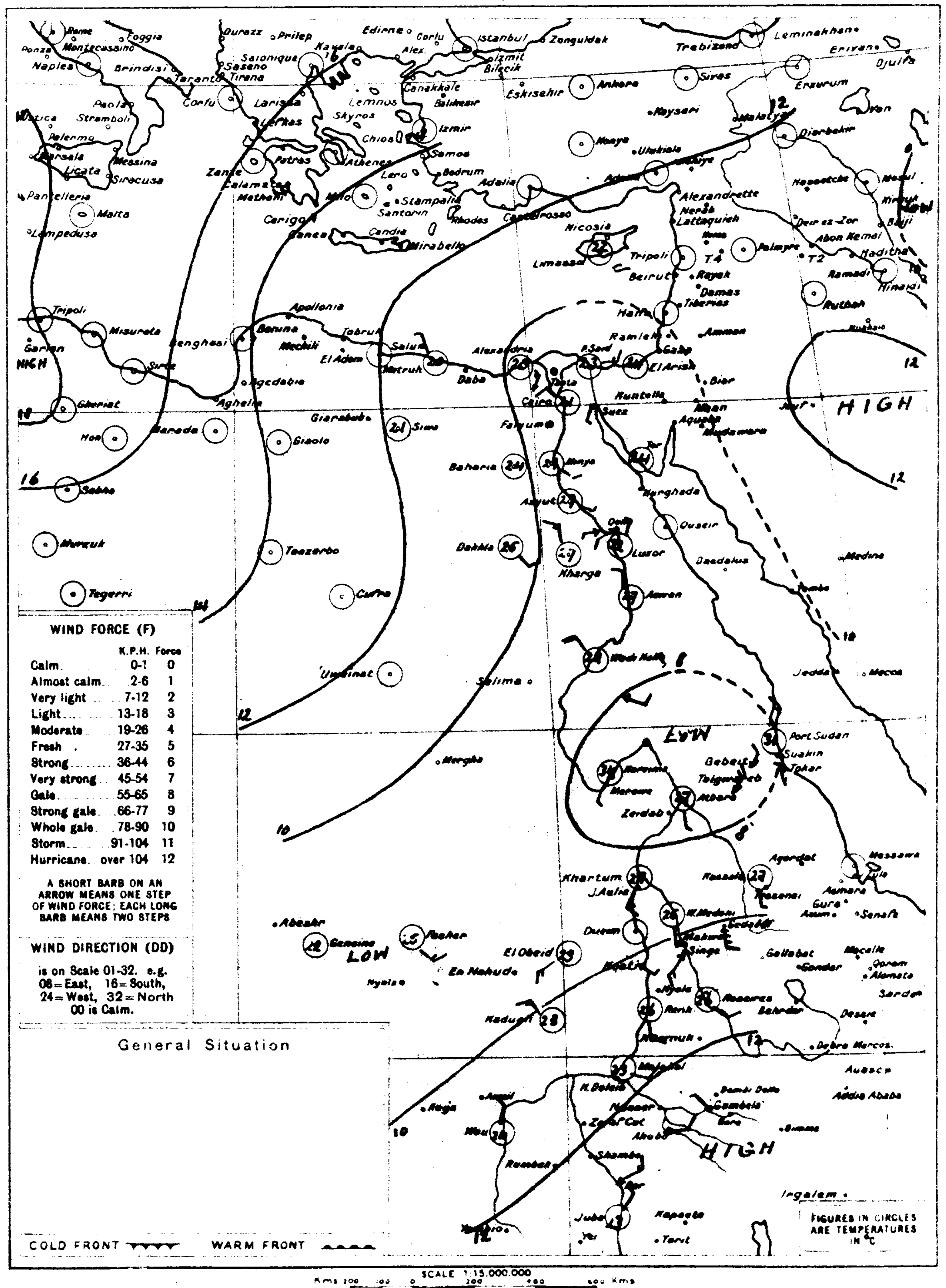
Giza Grass minimum on 15th 13.7 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
15.5	984	1157
14.5	984	1157

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	12.82	-0.72
Nasser		—	—	5.35	-0.77
Malakal		9.49	-0.69	9.44	-0.74
Roseires	15	12.14	+0.31	11.37	-0.43
Sennar Res.		—	—	14.46	—
J. Aulia U.S	14	—	—	370.50	—
J. Aulia D.S		—	—	370.53	-0.35
Khartum	15	—	—	9.42	-0.84
Kh. el Girba		—	—	—	—
Atbara	14	—	—	9.83	-0.18
Kajnarti		—	—	137.43	-0.46
Aswan Res.		118.65	—	118.75	—
Aswan D.S.		85.29	-0.46	85.24	-0.44
Roda (Cairo)		—	—	15.33	+0.85

1945-5-15 ١٩٤٥-٥-١٥ Isobars, Wind and Temperature at 8 h. 15-5-1945.



At 8 h. on 15th الساعة ٨ يوم ١٥

STATION	Present weather ww	Visibility V	Wind Dir DD	Force F	Past weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb TTT	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	9	12	3	0	1	8	10.4	-2.3	22	—	—	—	—	78	0	633	453
Nag Hamadi	00	8	24	1	0	0	—	9.1	—	27.7	35	—	22	—	46	0	16	—
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 25.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h m 05 04
Sunset 18 41

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month MAY 1945 ١٩٤٥ شهر مايو

At 14 h. on 15th الساعة ١٤ يوم ١٥ — At 8 h. on WEDNESDAY 16th الساعة ٨ الأربعاء ١٦

Region	Station	14h Present weather (ww)	14h Visibility (V)	14h Wind Dir (DD)	14h Wind Force (F)	14h Past weather (W)	14h Cloud Amount (N)	14h Cloud Form (C)	14h Bar. press. M.S.L. 1000+ mbs (PPP)	14h Temp. °C (TTT)	14h % Humidity (UU)	8h Present weather (ww)	8h Visibility (V)	8h Wind Dir (DD)	8h Wind Force (F)	8h Past weather (W)	8h Cloud Amount (N)	8h Cloud Form (C)	8h Bar. pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Maximum Yesterday °C (MM)	Diff. from norm. °C	Minimum Today °C (mm)	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
Mediterranean	SALÛM	00	9	04	5	0	0	—	12.2	21.3	75	00	8	04	4	0	0	—	13.6	—	22.7	24		11		77	0	—		130
Mediterranean	MATRÛH	01	9	32	1	1	3	8	11.9	21.1	88	01	9	28	1	1	3	8	14.4	+0.5	19.3	21	−4	16	0	95	0	111	160	131
Mediterranean	DIKHEILA																													150
Mediterranean	ALEXANDRIA	01	9	06	2	2	5	4	11.6	24.2	68	02	8	00	0	2	5	4	13.5	−0.4	23.4	27	+1	19	+1	70	0	260	185	132
Mediterranean	DAMIETTA	02	8	04	3	1	5	6,8	10.2	23.1	84	00	8	02	2	1	3	4	13.0	—	22.5	25		19		78	0	110	105	159
Mediterranean	PORT SAÏD	01	8	04	3	1	4	6	9.9	24.2	75	02	8	30	2	2	5	8	13.8	+1.2	22.4	26	0	20	+3	82	tr.	107	79	134
Mediterranean	EL 'ARISH	01	9	30	1	1	4	8	9.6	27.3	54	00	9	20	1	0	0	—	12.2	−1.3	25.3	29	+2	17	+3	42	0	318	93	135
Lower Egypt	DAMANHÛR	02	6	04	3	2	6	9	10.0	27.0	45	01	6	28	2	1	3	8	13.8	0.0	23.4	28	−2	17	+2	68	tr.	169	100	136
Lower Egypt	MANṢÛRA	02	6	02	3	2	5	9	10.0	26.0	55	01	7	02	2	1	3	8	13.5	—	23.0	29	−2	18	+2	74	6	102	54	137
Lower Egypt	TANTA	02	8	00	0	2	5	8	9.2	28.7	60	00	8	00	0	0	0	—	13.6	−0.2	22.9	29	−3	15	0	75	tr.	83	42	138
Lower Egypt	ZAGÂZÎG	01	7	24	2	1	4	8	10.4	29.4	52	02	6	08	2	1	5	8	15.0	+1.2	22.6	30	−2	17	+2	81	0	57	27	139
Middle Egypt (Cairo)	ALMÂZA	01	7	26	2	1	4	8	10.6	28.1	42	01	7	02	1	4	4	6	13.9	—	22.0	30		18		79	0	70	—	141
Middle Egypt (Cairo)	EZBEKIYA	02	8	24	2	1	5	8	9.6	28.2	49	09	5	02	2	1	4	6,4	13.4	+0.2	23.1	31	−1	18	+1	75	0	56	25	—
Middle Egypt (Cairo)	GÎZA	02	8	26	2	1	5	8	9.4	31.5	33	09	5	00	0	1	4	4	13.4	0.0	21.8	32	0	18	+3	82	0	51	25	—
Middle Egypt	HELWÂN	01	8	00	0	1	4	8	9.4	28.0	47	01	6	24	1	1	4	8	13.1	+0.1	22.0	29	−3	18	0	80	0	126	28	143
Middle Egypt	SUEZ	01	9	02	1	1	4	8	9.2	29.2	56	01	9	30	1	1	4	8	13.4	+0.8	24.4	30	−2	19	0	72	0	56	17	144
Upper Egypt	FAIYUM	01	8	30	2	1	4	8	9.0	29.3	32	01	8	02	2	1	4	8	13.2	+0.2	22.4	30	−3	20	+3	77	0	109	8	153
Upper Egypt	MINYA	01	8	28	2	1	3	8	9.6	33.3	26	01	8	30	2	1	3	8	12.7	+0.4	25.8	34	0	20	+3	60	0	1	—	154
Upper Egypt	ASYÛT	00	8	20	1	0	0	—	9.2	32.8	27	00	7	26	1	0	0	—	13.3	+0.9	25.1	33	−2	21	+2	58	0	29	4	155
Upper Egypt	QENA	01	8	22	2	0	4	3	7.0	37.3	27	00	8	26	2	1	0	—	12.0	+1.4	30.6	38	0	21	+1	34	0	29	—	156
Upper Egypt	LUXOR	02	7	22	2	2	5	2	7.5	37.5	28	00	7	22	2	0	0	—	12.8	—	30.0	39		21		41	0	1	—	157
Upper Egypt	ASWÂN	05	5	16	4	3	5	6	7.2	33.0	34	00	9	28	2	0	0	—	12.0	+1.4	28.0	36	−3	22	−2	36	0	8		158
Western Desert	SIWA	50	8	00	0	5	8	9	12.3	25.5	58	00	7	00	0	0	0	—	15.1	+0.8	21.3	29	−5	16	0	71	11	45	8	148
Western Desert	BAHARÎYA	01	9	32	1	1	4	—	9.4	30.0	59	00	9	00	0	0	0	—	13.0	−0.4	23.0	33		14		66	0	9	—	149
Western Desert	KHARGA	00	9	00	0	0	0	—	9.0	36.0	27	00	9	04	2	0	0	—	12.8	+1.6	28.3	36	−2	21	0	59	0	101		151
Western Desert	DAKHLA	00	9	24	1	0	0	—	10.3	31.0	32	00	8	28	1	0	0	—	13.9	+1.7	25.3	33	−5	22	+3	47	0	3	—	152
Red Sea	TÔR	00	6	24	1	0	0	—	9.5	29	76	00	7	28	1	0	0	—	12.6	+2.0	25.1	—	—	21	+1	91	0	5	13	145
Red Sea	HURGHÂDA																													146
Red Sea	QUSEIR																													147
Red Sea	PORT SUDAN																										0	91	96	169
North Sudan	WÂDI HALFA	01	8	28	2	1	4	8,4,5	6	36	33	01	8	28	2	1	4	4,2	11		30					43	0	6	—	165
North Sudan	KAREIMA	01	8	24	1	1	5	8,2	5	37	27	22	8	08	2	6	5	4,5	10		28					66	2	3	1	166
North Sudan	'ATBARA	01	8	20	2	1	4	8	5	35	37	61	7	10	1	6	8	7	10		27					70	tr.	11	5	167
North Sudan	KHARTÛM																										4	11	6	168
North Sudan	KASSALA											01	8	00	0	1	5	4	10		28					40	0	18	18	170
Central Sudan	WAD MEDANI	02	8	18	3	6	6	8	4	34	41																		19	171
Central Sudan	DUEIM																										0	4	20	173
Central Sudan	RENK	01	9	20	3	1	5	9	9	29	55	01	9	20	3	2	4	9	9?		27	—		—		58	0	—	70	182
Central Sudan	ROSEIRES	01	7	18	2	1	4		8	30	62																		80	172
Central Sudan	EL OBEID	02	9	16	3	1	6	6,4,5	8	27	66																0	15	26	174
Central Sudan	EL FÂSHER	02	9	12	3	1	7	6,5	—	30	49	02	9	12	1	8	6	4,5	—		26					62	tr.	9	11	175
Central Sudan	GENEINA	02	8	00	0	1	8	2,1	—	36	12																		17	179
Central Sudan	KADUGLI	02	8	12	2	1	6	4	9	28	55																		132	187
S. Sudan	MALAKÂL	02	8	14	1	6	6	6,4,5	9	28	70	01	8	04	1	1	5	4	11		26					79	tr.	93	154	176
S. Sudan	WÂU	03	8	32	1	1	8	6	9	30	38	01	8	00	0	1	4	6,4	10		23					94	3	276	297	177
S. Sudan	JÛBA	02	8	02	1	6	6	6	11	27	70	01	8	20	1	0	4	1	13		25					84	20	298	385	178

UPPER WINDS ON الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAÏD	HELWÂN	MINYA	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	EL FASHER	KASSALA	EL OBEID	MALAKÂL	JÛBA
h. m.	h. m.	h. m.	h. m.	8 h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	7 h. 15 m.	h. m.	7 h. m.	7 h. m.
				02 34 15		02 27 20	02 34 10	06 17 05	06 06 05		06 18 05		06 06 10	06 18 10
				05 02 20		05 28 20	05 36 30	10 11 10	10 04 55	10 06 15	10 17 05		10 10 05	10 18 05
				08 36 10		10 27 15	10 13 00	15 06 30	15 06 30	15 23 40	20 15 05		15 01 05	15 07 05
				10 24 05		15 25 20	15 11 05	20 01 20	25 02 10	20 11 15	25 23 05		20 08 10	20 13 10
				15 26 15		20 26 35	20 23 05	25 33 20	30 24 25	35 03 25	35 31 05		25 06 15	25 12 40
				20 24 15		25 22 45		35 25 30		40 01 25			35 09 15	35 12 30
				23 24 20				50 24 45		50 16 20			40 14 30	40 12 30

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 15th	Diff. from normal	Wet bulb temp. °C on 15th	Diff. from normal
Alexandria	79	+8	19.8	+1.5
Ezbekiya	66	+16	20.6	+2.3
Giza	71	+21	20.2	+2.2
Helwân	69	+31	19.0	+3.3

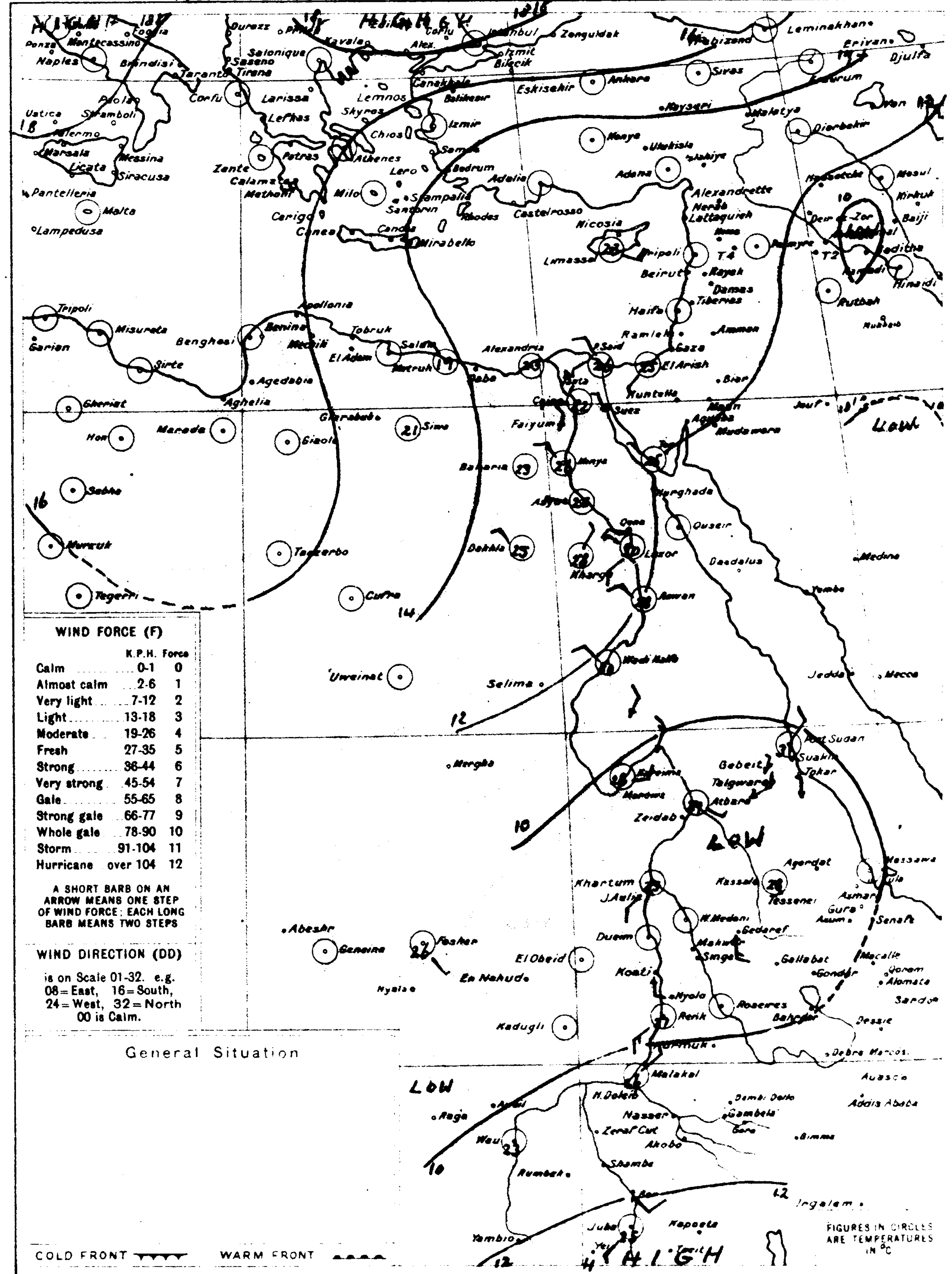
Giza Grass minimum on 16th 11.8 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
16.5	984	1215
15.5	984	1157

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	16-5	—	—	12.86	−0.68
Nasser		—	—	5.42	−0.75
Malakâl		9.52	−0.67	9.49	−0.69
Roseires		—	—	12.14	+0.31
Sennâr Res		—	—	14.24	—
J. Aulia U.S		—	—	370.56	—
J. Aulia D.S		—	—	370.52	−0.37
Khartum		—	—	9.42	−0.82
Kh. el Girba		—	—	—	—
'Atbara		—	—	9.80	−0.21
Kajnarti		—	—	131.40	−0.50
Aswân Res.	—	118.55	—	118.65	—
Aswân D.S.		85.29	−0.47	85.29	−0.46
Rôda (Cairo)		16.42	+0.94	16.33	+0.85

١٩٤٥-٥-١٦ Isobars, Wind and Temperature at 8 h. 16-5-1945.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 16 الساعة ٨ يوم ١٦

Station محطة	Present weather (ww)	Visibility (V)	Wind Dir (DD)	Wind Force (F)	Past weather (W)	Cloud Amount (N)	Cloud Form (C)	Bar pressure M.S.L. 1000+ mbs (PPP)	Diff. from normal mbs	Dry Bulb °C (TTT)	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	% Humidity (UU)	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	9	10	4	0	0	—	12.0	−0.6	23	—	—	—	—	65	0	633	453
Nag Hamadi	00	8	28	1	0	0	—	12.3	—	27.9	36	—	19	—	43	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 26.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION. INLAND POST P.T. 100 ABROAD P.T. 150.

CAIRO

Time of Sunrise 05 h 00 m

Sunset 18 h 42 m

Month MAY 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h on 16th ١٦ الساعة ١٤ يوم — At 8 h on Thursday 17th الساعة ٨ يوم الخميس ١٧

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Max Diff from norm °C	Min Today °C mm	Min Diff from norm °C	Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM	00	9	04	1	0	0	—	15.2	22.9	77	00	9	20	2	0	0	—	16.0	—	22.2	26		—		67	0	—		130
MATRUH	00	9	28	1	1	0	—	14.8	21.7	85																	111	160	131
DIKHEILA																											260		150
ALEXANDRIA	01	9	06	2	2	4	8	13.6	24.0	67	00	6	00	0	0	0	—	16.0	+2.1	21.0	25	-1	19	+1	78	0	257	185	132
DAMIETTA	00	8	32	3	1	2	8	12.8	25.0	64	00	8	22	2	0	0	—	14.7		22.6	26		17		73	0	110	105	159
PORT SAID	00	8	30	3	0	0	—	13.2	24.6	76	00	8	28	2	0	0	—	14.7	+2.1	22.7	26	0	18	+1	74	0	107	79	134
EL ARISH	00	9	04	2	0	0	—	—	23.2	52	01	9	20	1	1	3	8	14.3	+0.9	20.3	27	0	15	+1	86	0	318	93	135
LOWER EGYPT																													
DAMANHUR	02	6	32	3	2	5	8	14.7	28.2	48	00	6	20	3	0	0	—	15.2	+1.5	22.2	29	-1	16	+1	75	0	169	100	136
MANSURA	01	8	04	2	1	3	8	13.1	29.5	40	01	8	26	2	1	3	8	15.2		22.5	31	-1	16	+2	72	0	102	54	137
TANTA	01	8	00	0	1	4	8	12.7	29.7	42	00	8	00	0	0	0	—	15.5	+1.7	22.0	31	-1	14	-1	82	0	83	42	138
ZAGAZIG	02	7	20	2	1	5	8	13.1	29.1	46	00	7	28	2	0	0	—	15.1	+1.4	24.4	30	-2	17	+2	66	0	57	27	139
MIDDLE EGYPT																													
CAIRO ALMAZA	01	7	28	1	1	4	8	13.4	29.2	38	00	7	30	1	0	1	6	16.3		21.4	31		19		76	0	70		141
CAIRO EZBEKIYA	01	8	28	2	1	5	8	12.4	30.3	36	05	6	28	1	0	0	—	15.6	+2.4	22.9	31	-2	18	+1	70	0	56	25	—
CAIRO GIZA	02	8	28	2	1	5	8	12.3	30.2	38	05	6	30	1	1	4	8	15.2	+1.9	23.8	31	-1	16	+1	69	0	51	25	—
HELWAN	01	8	00	0	1	5	8	11.6	28.4	41	09	5	26	2	0	0	—	15.2	+2.2	21.5	29	-3	18	0	78	0	126	28	143
SUEZ	02	8	30	1	2	6	8	12.0	28.8	51	00	9	30	1	0	0	—	14.6	+2.0	23.8	31	-1	19	0	73	0	56	17	144
UPPER EGYPT																													
FAIYUM	01	8	30	2	1	4	8	11.6	29.8	33	00	8	32	2	0	0	—	15.4	+2.5	24.3	31	-2	19	+2	64	0	109	8	153
MINYA	02	8	32	2	2	5	8	11.5	32.7	29	00	9	32	3	0	0	—	14.7	+2.5	26.1	33	-1	19	+2	55	0	1	—	154
ASYUT	01	8	22	1	1	3	8	11.4	32.0	28	00	8	22	1	0	0	—	14.2	+2.1	26.3	33	-2	20	+1	54	0	29	4	155
QENA	01	9	22	3	0	3	1	9.4	37.0	24	00	7	22	2	0	0	—	12.8	+2.2	28.7	38	0	20	0	33	0	29		156
LUXOR	00	7	26	2	0	0	—	—	37.3	25	00	7	30	2	0	0	—	13.6	—	31.3	38		21		36	0	1		157
ASWAN	01	9	00	0	1	4	4	9.2	37.0	26	01	9	00	0	1	4	1	12.7	+2.1	28.5	39	0	24	0	37	0	8		158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	15.1	28.6	42	00	7	00	0	0	0	—	17.8	+3.5	23.5	30	-4	16	0	63	0	45	8	148
BAHARIYA	01	9	24	1	1	4	—	—	30.5	50	00	7	00	0	0	0	—	15.5	+2.1	25.5	34		16		58	0	9		149
KHARGA	00	9	12	2	0	0	—	11.4	34.7	18	00	9	04	1	0	0	—	14.2	+3.1	27.1	36	-2	20	-1	43	0	10		151
DAKHLA	00	9	28	2	0	0	—	12.3	31.5	29	00	8	00	0	0	0	—	15.4	+3.3	26.5	33	-5	20	+1	46	0	3		152
RED SEA																													
TOR	00	7	22	1	0	0	—	10.6	35.8	58	00	7	28	1	0	0	—	12.0	+1.4	24.6	36	+5	23	+3	96	0	5	13	145
HURGHADA	01	7	10	4	1	4	8	9.9	30.2	54	00	9	30	5	0	0	—	9.9?	-1.0	28.0	31	-1	25	+5	51	0	17		146
QUSEIR	00	8	32	2	0	0	—	10.3	29.0	64	00	8	28	2	0	0	—	11.5	+0.9	24.8	30	-1	—	—	45	0	20		147
PORT SUDAN																										0	91	96	169
NORTH SUDAN																													
WADI HALFA	01	8	28	2	1	4	8,4	8	39	18	01	9	30	3	1	5	4,5	12		29					33	0	6	—	165
KAREIMA	01	8	08	3	1	4	8,4	5	37	23	02	8	04	3	1	5	4,5	10		31					49	0	3	1	166
ATBARA	02	8	28	3	6	7	8,4	7	30	55	01	8	30	2	1	4	4,1	9		29					55	2	13	5	167
KHARTUM																										0	11	6	168
KASSALA	01	8	32	2	1	5	8,4	—	34	—	02	8	00	0	1	5	4,2	8		31					49	0	18	18	170
CENTRAL SUDAN																													
WAD MEDANI	02	9	00	0	1	6	1	8	29	—	02	7	02	1	1	6	1	10		27					70	0	19	19	171
DUEIM																										0	4	20	173
RENK											01	9	24	3	1	3	8	8		31					49			71	182
ROSEIRES	02	7	18	2	2	6	1	7	33	47	02	7	14	2	2	7	5	11		28					58	0	24	82	172
EL OBEID	01	9	12	3	1	5	9,4	3	29	49	01	9	12	2	1	4	6,2	10		25					79	36	51	26	174
EL FASHER											02	9	20	2	1	7	9,4	—		23					94	6	15	11	175
GENEINA											02	8	04	1	1	8	8,4	—		27					55			18	179
KADUGLI											01	8	24	2	1	4	—	11		22					—			135	187
S. SUDAN																													
MALAKAL	02	8	08	2	1	6	8	6	34	36	02	8	00	0	1	8	4,5	11		27					70	0	93	156	176
WAU	01	8	04	1	1	5	9,4	8	33	47	02	8	00	0	1	6	4,5	12		26					79	0	276	301	177
JUBA	02	8	00	0	1	6	8	9	36	—	02	8	20	1	1	5	4,1	13		24					89	0	298	390	178

UPPER WINDS ON 17th ١٧ يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h 15 m	MINYA	ASYUT 7 h	ASWAN 7 h	WADI HALFA	KAREIMA 7 h	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
				02 31 15		02 32 15	02 02 10		03 29 25					
				05 36 20		05 36 20	05 02 20		06 20 05					
				10 35 20		10 34 20	10 01 30		15 05 10					
				15 33 15		15 30 15			20 06 30					
				20 32 10		20 28 20			25 09 40					
				25 29 15		25 30 20								
				30 30 15		30 28 30								
				35 32 10										
				40 33 30										
				42 32 25										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 16th	Diff. from normal	Mean of day Wet Bulb Temp °C on 16th	Diff. from normal
Alexandria	77	+6	19.7	+1.3
Ezbekiya	66	+16	20.1	+1.7
Giza	69	+19	20.2	+2.1
Helwan	63	+25	19.5	+3.2

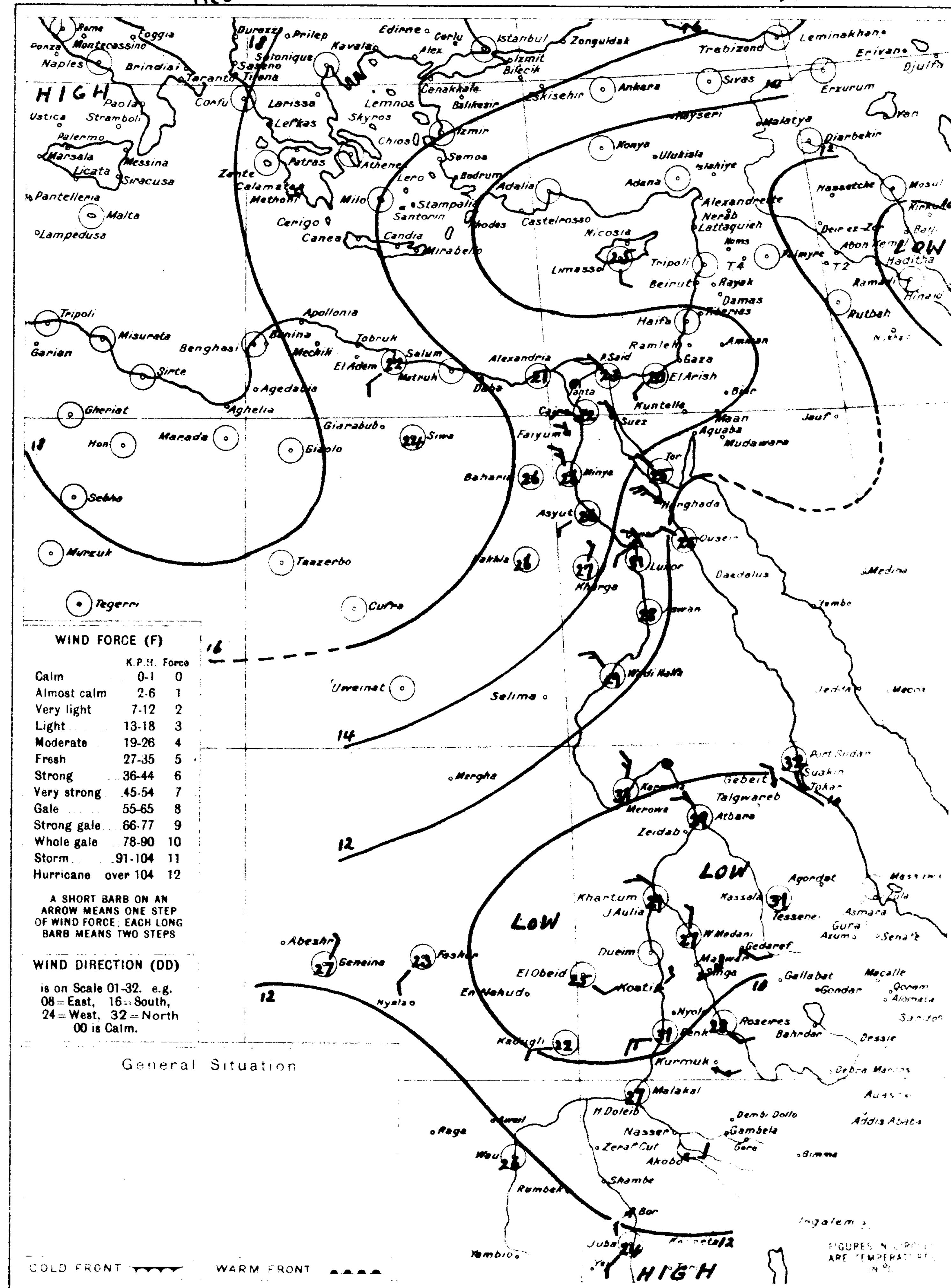
Giza Grass minimum on 17th 14.4 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1945	1944
17-5	984	1215
16-5	984	1215

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	5			12.82	-0.72
Nasser				5.57	-0.64
Malakal		9.55	-0.65	9.52	-0.67
Roseires		12.43	+0.55	12.43	+0.57
Sennar Res				13.99	—
J. Aulia U.S				370.57	—
J. Aulia D.S				370.54	-0.35
Khartum				9.46	-0.72
Kh. el Girba					
Atbara		9.80	-0.22	9.79	-0.23
Kajnarti				131.35	-0.56
Aswan Res.	17	118.43	—	118.55	—
Aswan D.S.		85.29	-0.48	85.39	-0.47
Roda (Cairo)		16.40	+0.92	16.42	+0.94

١٩٤٥ - ٥ - ١٧ Isobars, Wind and Temperature at 8 h. 17-5-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

COLD FRONT — WARM FRONT

General Situation

At 8 h on 17th الساعة ٨ يوم ١٧

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C	Max Yesterday °C	Diff from norm °C	Min Today °C	Diff from norm °C	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Nag Hamadi	00	8	00	0	0	0	—	13.4	—	27.0	35	—	17	—	42	0	16	
Limassol	00	9	16	2	0	0	—	13.4	+0.8	25	—	—	—	—	51	0	633	454

SHIPS سفن

Remarks

Water Tempt. River Nile Cairo 25.8 C°

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder ... rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	15
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog ... last hour	41
Thick ...	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
... of Snow	83, 84
... of Sleet	85, 86
... of Hail	88, 89
Thunderstorm	90-99
... with ... Rain	91
... with Hail	94-96
... with Duststorm	98
... heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ...	1
500 ...	2
1 Kilometre	3
2 ...	4
4 ...	5
10 ...	6
20 ...	7
50 ...	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
... Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38, 554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise 5h 00m
Sunset 18 43

Month MAY, 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C

DAILY WEATHER REPORT

At 14 h on 17th ... At 8 h on FRIDAY 18th

Region	Station	14h ww	14h V	14h DD	14h F	14h W	14h N	14h C	14h Bar. press. M.S.L. 1000+ mbs PPP	14h Temp TTT	14h Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff from norm °C	Min. Today °C	Min. Diff from norm °C	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
Mediterranean	SALUM	00	9	32	5	0	0	—	14.7	25.2	67																			130
	MATRUH	00	9	32	1	0	0	—	15.6	22.0	82	40	3	22	2	4	9	—	15.8	+1.9	17.1	23	-2	15	-1	100	0	111	160	131
	DIKHEILA																													150
	ALEXANDRIA	00	9	02	2	0	0	—	15.8	24.0	65	00	9	00	0	0	0	—	15.6	+1.7	24.0	26	0	19	+1	66	0	260 (~~257~~)	185	132
	DAMIETTA	00	8	30	3	0	0	—	14.0	25.0	54	00	8	26	1	0	0	—	14.6	—	22.7	26	—	15	—	76	0	110	105	159
	PORT SAID	00	8	30	4	0	0	—	14.6	26.0	63	00	7	28	2	0	0	—	14.4	+1.8	22.5	26	0	18	0	76	0	107	79	134
	EL ARISH	00	9	30	2	0	0	—	13.6	27.4	43	00	9	20	1	0	0	—	—	—	20.2	27	0	17	+3	43	0	318	93	135
Lower Egypt	DAMANHUR	00	6	28	3	0	0	—	15.9	30.3	46	00	6	04	3	0	0	—	15.0	+1.3	22.4	30	0	15	0	65	0	169	100	136
	MANSURA	01	8	02	2	1	3	8	14.2	30.7	28	00	8	04	2	0	0	—	15.4	—	21.8	32	0	15	-1	77	0	102	54	137
	TANTA	00	8	28	2	0	0	—	14.2	30.5	39	00	8	00	0	0	0	—	15.2	+1.4	22.3	31	-1	13	-2	80	0	83	42	138
	ZAGAZIG	00	7	28	2	0	0	—	15.5	30.2	33	00	7	16	2	0	0	—	15.4	+1.7	23.2	31	-1	14	-1	70	0	57	27	139
Middle Egypt	CAIRO ALMAZA	00	8	30	2	0	1	8	14.7	29.9	28	05	6	00	0	0	0	—	15.6	—	22.0	31	—	17	—	66	0	70	—	141
	CAIRO EZBEKIYA	00	8	30	3	0	3	8	14.0	29.9	31	09	6	00	0	0	0	—	14.7	+1.6	22.8	32	-1	17	0	64	0	56	25	—
	CAIRO GIZA	00	8	30	3	0	3	8	13.8	30.1	31	09	5	28	2	0	0	—	14.7	+1.4	21.2	31	-1	15	0	76	0	51	25	—
	HELWAN	00	8	30	4	0	2	8	13.6	29.0	30	00	6	00	0	0	0	—	15.4	+2.4	21.2	30	-2	16	-2	56	0	126	28	143
	SUEZ	00	9	02	1	0	0	—	13.7	29.0	39																	56	17	144
Upper Egypt	FAIYUM	01	8	02	3	1	3	8	13.4	30.5	27	00	8	30	1	0	0	—	15.1	+2.2	23.0	31	-2	17	0	44	0	109	8	153
	MINYA											00	9	32	3	0	0	—	14.6	+2.4	24.3	33	-1	19	+2	48	0	1	—	154
	ASYUT	01	8	21	1	1	4	8	12.4	32.5	24	00	8	22	1	0	0	—	14.0	+1.9	25.1	33	-2	18	-1	43	0	29	4	155
	QENA	01	9	26	2	0	3	1	10.7	36.4	22	00	8	26	2	0	0	—	12.4	+1.8	25.2	38	0	20	-1	45	0	29	—	156
	LUXOR	00	7	26	2	0	0	—	11.4	36.5	25	00	7	24	1	0	0	—	12.8	—	29.5	38	—	20	—	36	0	tr.	—	157
	ASWAN	02	9	00	0	1	5	4	11.0	38.0	25	00	9	32	4	0	0	—	11.8	+1.2	28.5	38	-1	24	0	16	0	8	—	158
Western Desert	SIWA	00	8	00	0	0	0	—	17.1	32.0	33	00	7	28	1	0	0	—	15.8	+1.5	22.5	34	0	16	0	65	0	45	8	148
	BAHARIYA	00	9	00	0	0	0	—	14.7	31.0	42	00	9	00	0	0	0	—	15.6	+2.3	23.0	33	—	14	—	66	0	9	—	149
	KHARGA	00	9	32	3	0	0	—	11.9	33.5	24	00	9	04	3	0	0	—	13.4	+2.3	27.3	34	-4	20	-1	33	0	10	—	151
	DAKHLA	00	9	28	2	0	0	—	13.9	31.5	40	00	8	28	1	0	0	—	14.7	+2.6	26.0	33	-5	20	+1	45	0	3	—	152
Red Sea	TOR	00	7	28	1	0	0	—	11.9	29.6	80	00	7	28	1	0	0		12.0	+1.5	26.5	31	0	24	+4	86	0	5	13	145
	HURGHADA	01	8	10	4	1	4	8	—	25.2	54	00	9	30	5	0	0	—	13.1	+2.3	25.1	29	-3	25	+5	97	0	17	—	146
	QUSEIR	00	8	32	3	0	0	—	11.1	28.4	61	00	8	28	3	0	0	—	11.1	+0.6	26.2	30	-1	—	—	56	0	20	—	147
	PORT SUDAN																										0	91	97	169
North Sudan	WADI HALFA	01	9	26	3	1	4	4	10	37	17																0	6	—	165
	KAREIMA	02	8	02	3	1	7	4,5	8	36	27	01	8	04	3	1	5	4	8		32					21	0	3	1	166
	ATBARA	01	8	02	2	1	4	4	5	38	25	01	8	04	3	1	4	4,1	—		32					21	0	13	5	167
	KHARTUM																										0	11	6	168
	KASSALA	01	8	00	0	1	4	8,1	2	37	35	01	8	14	2	1	4	4,1	7		31					41	0	18	19	170
Central Sudan	WAD MEDANI	02	8	24	2	1	6	1	3	37	27	02	9	26	4	1	7	5	8		27					70	2	21	20	171
	DUEIM																										0	4	20	173
	RENK	01	9	20	3	1	4	9	5	25	—												—		—		—	—	72	182
	ROSEIRES	01	7	10	2	1	5	2	8	34	47	50	8	14	2	6	8	5	13		21					94	10	34	84	172
	EL OBEID	02	9	06	2	1	7	6,8	6	30	46																11	62	27	174
	EL FASHER																										0	15	12	175
	GENEINA																										—	—	19	179
	KADUGLI																										—	—	138	187
S. Sudan	MALAKAL	02	8	24	3	1	5	4,5	7	29	66	02	8	24	2	1	6	4,5	11		—					42	0	93	159	176
	WAU	02	8	12	2	6	6	6	8	28	70	02	8	00	0	1	8	5,2	11		23					84	tr.	276	305	177
	JUBA	10	8	00	0	1	5	9	8	33	47																0	298	395	178

UPPER WINDS ON 18th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	h m	h m	h m	h m	h m	7h m	h m	7h m	h m	7h m	h m
									10 04 45		10 02 10		10 27 40	
									15 03 55		15 06 10		15 26 30	
									20 05 40		20 07 10		20 06 02	
									25 05 20		25 02 10		25 09 05	
									40 21 20		30 10 15		35 17 10	
									45 21 30				40 15 30	
									50 20 20				45 15 35	
									55 20 15				48 15 35	
									60 21 20					
									63 24 15					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 17th	Diff. from normal	Wet bulb temp on 17th	Diff. from normal
Alexandria	76	+5	18.6	0.0
Ezbekiya	52	+2	18.7	+0.2
Giza	58	+8	19.1	+0.9
Helwan	51	+13	18.0	+1.6

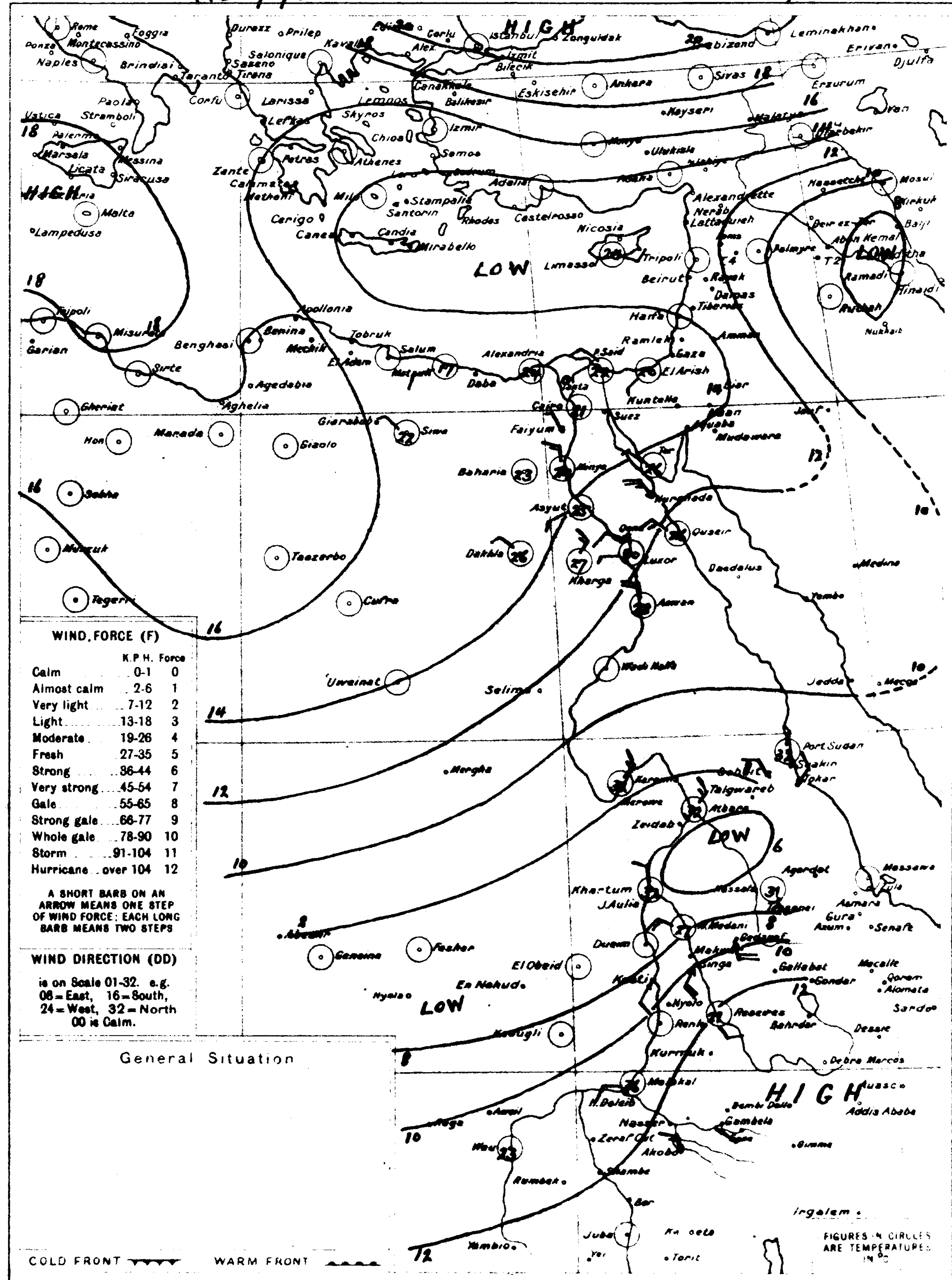
Giza Grass minimum on 18th 13.0 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1945	1944
18-5	984	1215
17-5	984	1215

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		13.15	-0.39	12.68	-0.86
Nasser		6.35	+0.05	5.81	-0.45
Malaka		9.56	-0.64	9.55	-0.65
Roseires		13.04	+1.13	12.43	+0.55
Sennar Res		13.67	—	13.75	—
J. Aulia U.S		—	—	370.55	—
J. Aulia D.S		—	—	370.52	-0.37
Khartum		9.50	-0.65	9.48	-0.68
Kh. el Girba					
Atbara		9.89	-0.13	9.80	-0.22
Kajnarti		131.24	-0.70	131.30	-0.62
Aswan Res.		118.31	—	118.42	—
Aswan D.S.		85.30	-0.48	85.29	-0.48
Roda (Cairo)		16.36	+0.88	16.40	+0.92

Isobars, Wind and Temperature at 8 h. 18-5-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

At 8 h. on 18th

STATION	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C	Max. Yesterday	Max. Diff from norm	Min. Today	Min. Diff from norm	Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	00	0	0	0	—	13.2	—	26.0	34	—	19	—	48	0	16	—
Limassol	00	8	10	2	0	0	—	13.2	+0.8	24	—	—	—	—	61	0	633	454

SHIPS

Remarks

Water Temp. River Nile Cairo 25.6 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	16
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
.. of Snow	83, 84
.. of Sleet	85, 86
.. of Hail	88, 89
Thunderstorm	90-99
.. ended, now Rain	91
.. with Hail	94-96
.. with Duststorm	98
.. heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ..	1
500 ..	2
1 Kilometre	3
2 ..	4
4 ..	5
10 ..	6
20 ..	7
50 ..	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO

Time of Sunrise h m 04 54

Sunset 18 43

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month MAY 1945 شهر مايو

At 14 h. on 18th الساعة ١٤ يوم ١٨ — At 8 h. on SATURDAY 19th السبت ١٩ الساعة ٨

STATION		PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ mbs. PPP	° TEMP. TTT	% HUMIDITY UU	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	STATION NUMBER
MEDITERRANEAN	SALUM																													130
	MATRUH	00	9	04	1	0	0	—	14.2	23.0	74	01	9	28	1	1	5	8	14.6	+0.7	20.0	24	−1	15	−1	93	0	111	160	131
	DIKHEILA																											260	—	150
	ALEXANDRIA	00	9	02	2	0	0	—	14.3	24.0	62	00	9	00	0	0	0	—	14.2	+0.3	24.0	27	+1	18	0	60	0	367	185	132
	DAMIETTA	00	8	30	3	0	0	—	13.5	25.0	50	00	7	00	0	0	0	—	13.1	—	24.2	26	—	15	—	73	0	110	105	159
	PORT SAID	00	8	30	3	0	0	—	13.8	25.3	68	00	8	30	2	0	0	—	13.8	+0.9	22.8	26	0	19	+1	70	0	107	79	134
	EL 'ARISH	00	9	30	2	0	0	—	—	27.4	36	00	9	30	1	0	0	—	12.2	−1.1	20.2	28	+1	19	+5	57	0	318	93	135
LOWER EGYPT	DAMANHUR	00	6	32	3	0	0	—	14.2	30.2	42	00	6	32	3	0	0	—	13.9	+0.2	23.2	31	+1	14	−1	60	0	169	100	136
	MANSURA	00	8	02	2	0	0	—	13.5	31.0	25	00	8	14	1	0	0	—	14.2	—	23.0	33	+1	15	−1	70	0	102	54	137
	TANTA	00	8	00	0	0	0	—	13.2	31.2	36	00	8	00	0	0	0	—	13.6	−0.1	22.5	32	0	13	−2	72	0	83	42	138
	ZAGAZIG	00	7	28	2	0	0	—	13.1	31.8	24	00	7	28	2	0	0	—	14.0	+0.4	24.2	32	0	14	−1	60	0	57	27	139
MIDDLE EGYPT	CAIRO: ALMAZA	00	8	28	1	0	0	—	14.0	30.7	20	00	7	00	0	0	0	—	14.3	—	24.0	33	—	18	—	54	0	70	—	141
	EZBEKIYA	00	8	28	2	0	0	—	13.0	31.4	23	05	5	00	0	0	0	—	14.2	+1.1	24.3	34	+1	15	+1	52	0	56	25	—
	GIZA	00	8	28	2	0	0	—	12.6	32.8	23	05	7	04	1	0	0	—	13.5	+0.2	23.6	33	0	14	−1	52	0	51	25	—
	HELWAN	00	8	24	4	0	0	—	12.4	30.0	16	00	7	00	0	0	0	—	13.8	+0.8	22.2	31	−2	18	0	48	0	126	28	143
	SUEZ	00	9	30	1	0	0	—	12.8	31.0	33	00	9	02	1	0	0	—	12.6	+0.1	23.0	34	+2	17	−2	48	0	56	17	144
UPPER EGYPT	FAIYUM	00	8	30	2	0	0	—	12.7	31.6	10	00	8	30	1	0	0	—	14.2	+1.3	24.9	32	−1	16	−1	34	0	109	8	153
	MINYA	00	9	32	3	0	0	—	12.0	32.6	07	00	9	30	1	0	0	—	13.6	+1.4	25.4	33	−1	17	−1	41	0	1	—	154
	ASYUT	00	8	30	1	0	0	—	11.4	31.5	30	01	7	22	1	1	3	8	13.2	+1.2	25.1	33	−2	19	0	41	0	29	4	155
	QENA	00	9	26	2	0	0	—	10.0	36.4	18	01	7	24	1	1	4	4	12.3	+1.8	26.4	38	−1	20	−1	37	0	29	—	156
	LUXOR	00	7	30	3	0	0	—	10.0	36.6	20	02	7	14	2	2	5	1	12.4	—	28.5	37	—	21	—	28	0	tr.	—	157
	ASWAN	01	9	32	2	1	3	4	8.8	37.0	14	02	9	32	1	1	5	6	11.8	+1.3	26.8	37	−2	23	−1	21	0	8		158
WESTERN DESERT	SIWA	00	7	27	2	0	0	—	15.1	32.5	46	00	7	00	0	0	0	—	14.4	+0.2	24.0	35	+1	18	+2	60	0	45	8	148
	BAHARIYA	00	9	00	0	0	0	—	13.4	31.5	30	00	9	00	0	0	0	—	14.3	+1.0	23.5	33	—	15	—	56	0	9	—	149
	KHARGA	00	9	32	2	0	3	1	11.6	33.4	14	00	9	04	1	1	3	1	13.1	+2.0	26.6	34	−4	17	−4	30	0	10		151
	DAKHLA	00	9	32	2	0	0	—	12.8	32.0	41	00	8	32	1	0	0	—	14.0	+2.0	24.5	33	−5	15	−5	47	0	3	—	152
RED SEA	TOR	00	7	28	2	0	0	—	10.6	28.3	83	00	7	28	2	0	0	—	11.0	+0.5	24.6	29	−2	22	+1	87	0	5	13	145
	HURGHADA	00	9	04	5	0	0	—	10.7	26.6	75	01	8	28	3	1	3	8	11.6	+0.8	26.9	28	−4	22	+2	56	0	17		146
	QUSEIR	00	8	32	4	0	0	—	10.3	30.0	71	01	8	30	2	1	4	4	10.3	−0.2	26.8	31	0	25	+1	37	0	20		147
	PORT SUDAN																										0	91	97	169
NORTH SUDAN	WADI HALFA	01	8	26	4	0	3	4,2	9	34	—	02	8	28	2	1	7	4,5	13?		27					22	0	6	—	165
	KAREIMA	02	8	04	5	1	6	4,5	6	39	10	01	8	06	2	1	3	4	9		32					17	0	3	2	166
	'ATBARA	01	7	04	3	1	5	4	4	39	13	00	7	06	4	0	3		7		32					29	0	13	5	167
	KHARTUM																										0	11	6	168
	KASSALA	02	8	20	3	1	6	0,4,2	6	35	37	02	8	16	3	1	6	4,5	10		27					56	0	18	19	170
CENTRAL SUDAN	WAD MEDANI	02	9	20	2	1	5	5	6	34	36																0	21	20	171
	DUEIM																										0	4	21	173
	RENK	02	9	04	3	2	8	9	9	24	69	01	9	16	3	1	4	7,5	11		26					70	0	—	73	182
	ROSEIRES											02	7	18	2	2	7	4	12		23					94	14	48	87	172
	EL OBEID	10	9	24	2	1	6	0,4	8	28	62	01	9	26	2	1	4	0,4	10		27					66	0	62	28	174
	EL FASHER											02	9	00	0	2	6	0,4,5	—		23					89	2	17	12	175
	GENEINA											02	9	00	0	1	8	0,4	—		24					74	—	—	19	179
	KADUGLI	02	8	28	3	1	5	4	9	30	55	01	8	24	2	1	4		12		24					84	—	—	141	187
S. SUDAN	MALAKAL	63	7	12	—	6	8	5,4	9	30	55	01	8	12	1	1	5	4,5	12		24					84	5	98	162	176
	WAU	02	8	28	1	1	8	0,4	8	33	41	22	7	00	0	6	8	0,4,5	12		23					94	4	280	309	177
	JUBA	02	8	02	1	1	6	0,4	11	28	70	02	8	00	0	1	7	0,4,5	14		23					94	1	299	400	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 19th الرياح العليا يوم ١٩

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 15 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA h. m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. m.	JUBA 7 h. m.
				02 31 10		02 28 10	02 35 10	10 36 25		10 31 05	10 16 25	10 19 15	10 06 05
				05 03 25		05 03 25	05 35 40	15 35 55		15 06 30	15 25 35	15 18 20	15 03 05
				08 36 25		10 34 40	10 35 25	20 34 55		20 11 25	20 27 20	20 20 20	20
				10 34 30		15 32 45	15 35 25	25 31 55		25 14 15	25 30 20	25 20 24	25 23 20
				15 34 25		20 31 45	20 31 15	35 28 40		35 13 15			35 29 05
				20 36 20		25 31 45	25 31 35	40 28 35		40 17 10			
				23 01 20			40 35 40						
				25 02 20									
				30 03 20									
				35 30 35									

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 18th	Humidity Diff. from normal	Wet bulb temp. °C on 18th	Wet bulb temp. Diff. from normal
Alexandria	67	−4	19.1	+0.4
Ezbekiya	47	−3	17.0	−0.6
Giza	56	+6	17.3	0.0
Helwan	40	+2	16.2	−0.3

Giza Grass minimum on 19th 12.6 °C

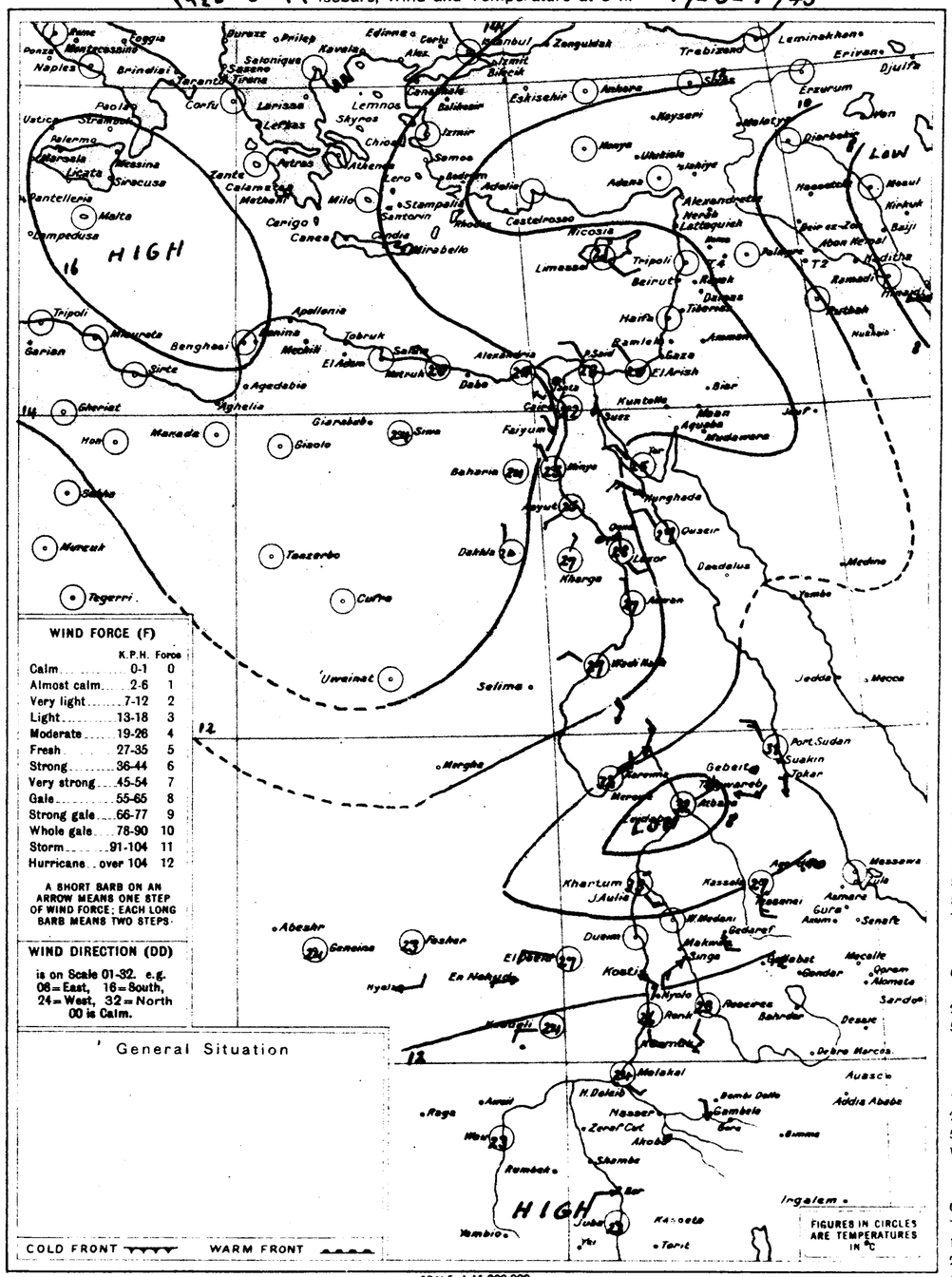
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
19-5	984	1215
18-5	984	1215

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	12.15	−0.39
Nasser		—	—	6.35	+0.06
Malakal		9.61	−0.09	9.56	−0.64
Roseires		12.44	+1.50	13.00	+1.13
Sennar Res.		—	—	13.67	—
J. Aulia U.S.		—	—	—	—
J. Aulia D.S.		—	—	—	—
Khartum		—	—	9.50	−0.65
Kh. el Girba		—	—	—	—
'Atbara		9.27	−0.14	9.09	−0.13
Kajnarti		—	—	131.24	−0.70
Aswan Res.		119.22	—	118.31	—
Aswan D.S.		85.30	−0.49	85.30	−0.48
Roda (Cairo)		16.33	+0.85	16.36	+0.88

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

1940-0-19 Isobars, Wind and Temperature at 8 h. 19-5-1945



STATION مرصد	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% HUMIDITY UU	RAINFALL Past 24 hrs. mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Linassol	03	6	12	2	2	8	6	12.6	+0.2	21	—	—	—	—	83	0	633	455
Nag Hamadi	01	8	00	0	1	4	4	11.2	—	25.5	34	—	17	—	43	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.4 °C.

HOURS ARE EGYPTIAN STANDARD TIME. LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH. MEAN TIME

PRESENT WEATHER ww	
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)	
Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO
Time of Sunrise h 04 m 58
Sunset h 18 m 55

Month MAY 1945 ١٩٤٥ من شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 19 [illegible] ١٩ — At 8 h. on SUNDAY 20th الأحد ٢٠ الساعة ٨

STATION	14h Present weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar press M.S.L. 1000+ mbs PPP	14h Temp °C TTT	14h Humidity % UU	8h Present weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry bulb °C TTT	Max. yesterday °C	Diff from norm. °C	Min. today °C	Diff from norm. °C	Humidity % UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
MEDITERRANEAN																													
SALUM	00	7	04	4	0	0	—	14.0	23.1	80	00	9	24	2	0	0	—	13.9	—	22.6	27		15		70	0			130
MATRUH	00	9	32	1	1	0	—	13.4	23.2	81	00	9	28	1	1	0	—	13.5	-0.4	20.3	24	-1	16	0	83	0	111	160	131
DIKHEILA																											260		150
ALEXANDRIA	00	9	32	1	0	0	—	13.4	25.4	56	00	9	00	0	0	0	—	13.4	-0.4	23.2	27	+1	19	+1	73	0	~~257~~	165	132
DAMIETTA	00	8	30	2	0	0	—	12.6	26.0	44	00	8	26	1	0	0	—	12.0	—	23.7	28	—	16		67	0	110	105	159
PORT SAID	00	8	30	3	0	0	—	12.4	26.1	63	00	8	28	2	0	0	—	12.0	-0.6	23.6	28	+1	19	+1	67	0	107	79	134
EL 'ARISH	00	9	00	0	0	0	—	—	27.4	43	00	9	00	0	0	0	—	13.2	-0.1	21.2	29	+2	18	+3	52	0	318	93	135
LOWER EGYPT																													
DAMANHUR	00	6	32	3	0	0	—	13.2	30.3	45	00	6	24	3	0	0	—	12.3	-1.4	23.2	31	0	16	+1	59	0	169	100	136
MANSURA	00	8	32	2	0	0	—	12.4	32.0	24	00	8	28	1	0	0	—	12.8	—	22.2	33	+1	15	-1	71	0	102	54	137
TANTA	00	8	00	0	0	0	—	11.9	31.5	32	01	8	00	0	1	3	4	12.7	-1.0	23.0	32	0	12	-4	66	0	83	42	138
ZAGAZIG	00	7	28	2	0	0	—	12.2	32.4	28	00	7	08	2	0	0	—	11.4	-2.2	25.6	33	+1	15	-1	48	0	57	27	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	00	7	02	1	0	1	8	12.6	31.8	20	00	7	32	1	0	2	8,4	13.5	—	25.0	33	—	13	—	17	0	70	—	141
EZBEKIYA	00	8	26	2	0	1	8	12.0	31.9	20	05	6	00	0	0	3	8,4	12.4	-0.6	25.8	33	0	18	+1	40	0	56	25	—
GIZA	00	8	28	2	0	1	8	11.8	32.8	15	05	5	28	1	1	3	8,4	12.4	-0.8	22.5	33	0	15	0	64	0	51	26	—
HELWAN	00	8	26	3	0	0	—	11.5	30.9	15	05	6	00	0	0	3	8	11.9	-1.0	23.0	32	-1	18	0	53	0	126	29	143
SUEZ	00	9	30	1	0	0	—	11.2	31.4	37	00	9	02	1	0	0	—	12.2	-0.2	25.8	35	+3	17	-2	58	0	56	17	144
UPPER EGYPT																													
FAIYUM	00	8	30	3	0	0	—	11.5	31.8	12	01	8	02	1	1	3	8	12.3	-0.6	25.0	33	0	17	0	36	0	109	8	153
MINYA	00	9	32	4	0	0	—	11.9	33.4	13	00	9	12	1	0	0	—	11.6	-0.6	26.8	34	0	18	0	32	0	1	—	154
ASYUT	00	7	26	2	0	0	—	11.1	32.8	17	00	7	00	0	0	0	—	12.3	+0.3	26.8	33	-2	19	0	35	0	29	4	155
QENA	01	9	02	2	1	4	1	9.0	36.0	17	00	8	24	1	0	0	—	11.4	+1.0	32.0	38	-1	19	-2	23	0	29	—	156
LUXOR	00	7	26	3	0	0	—	9.5	36.0	13	00	7	24	1	0	0	—	12.4	—	29.3	37	—	18	—	25	0	tr.	—	157
ASWAN	02	9	28	2	1	5	4	10.4	35.0	05	00	9	00	0	0	0	—	11.8	+1.3	27.0	35	-4	22	-2	23	0	8		158
WESTERN DESERT																													
SIWA	00	7	22	3	0	0	—	13.6	34.5	49	00	7	00	0	0	0	—	14.4	+0.2	23.5	35	0	18	+1	63	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	12.7	34.0	36	00	9	00	0	0	0	—	14.3	+1.1	24.0	36	—	18	—	50	0	9		149
KHARGA	00	9	12	2	0	0	—	11.6	33.4	15	00	9	00	0	0	0	—	12.4	+1.4	27.3	34	-4	18	-3	30	0	10		151
DAKHLA	00	9	00	0	0	0	—	11.9	33.0	42	00	8	28	2	0	0	—	13.4	+1.4	24.0	35	-3	17	-3	50	0	3	—	152
RED SEA																													
TOR	00	7	28	2	0	0	—	10.3	28.5	73	00	7	28	2	0	0	—	10.8	+0.4	24.2	31	0	23	+2	92	0	5	13	145
HURGHADA	01	8	06	5	1	4	1	10.5	30.0	59	00	9	28	3	0	0	—	11.1	+0.3	29.0	31	-2	23	+2	58	0	17		146
QUSEIR	02	8	32	3	2	5	5	9.8	30.0	43	00	8	30	2	0	0	—	9.4	-1.0	27.4	31	0			27	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WADI HALFA	02	9	28	3	1	5	4,5	10	35	10	00	9	00	0	1	2	4	13		28					22	0	6	—	165
KAREIMA	01	7	02	4	0	3	4	7	39	13	01	8	04	4	1	4	4	10		32					13	0	3	2	166
ATBARA	01	8	32	2	1	4	8,4	5	38	14	01	7	32	4	1	4	4	8		29					17	0	13	6	167
KHARTUM																										0	11	6	168
KASSALA	01	8	20	2	1	4	8,4	5	36	37	00	8	16	2	1	3	4,1	9		28					58	0	18	19	170
CENTRAL SUDAN																													
WAD MEDANI	01	8	16	3	1	5	8	5	36	31	62	8	14	3	6	8	9	—		19					94	8	29	21	171
DUEIM																										0	4	21	173
RENK	01	9	20	3	1	4	7,5	—	32	43	01	9	16	3	1	5	8	10		28					66	0	—	75	182
ROSEIRES											02	7	16	2	2	6	4	11		24					74			09	172
EL OBEID	01	7	04	3	1	4	8,4,1	4	35	25	05	6	08	3	1	6	4,5	10		28					40	0	62	29	174
EL FASHER	01	8	08	2	1	5	8,4,5	—	32	29	01	6	12	2	1	4	4	—		27					45			12	175
GENEINA																											—	20	179
KADUGLI	02	8	20	3	1	5	4	—	32	49	28	7	28	2	9	6	9	—		25					84	—	—	144	187
S. SUDAN																													
MALAKAL	02	8	20	1	1	6	8,4,1	8	32	46	01	8	18	3	1	4	8,4	10		28					66	0	98	165	176
WAU	01	8	18	2	1	4	8,4	10	29	59	02	8	00	0	6	7	8,4,5	11		26					79	tr	280	313	177
JUBA	10	8	06	1	1	5	9,2	10	29	62	02	8	16	2	1	6	8,4,2	14		24					84	109	408	405	178

UPPER WINDS ON 20th [illegible]

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres.
DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	08h 15m	h m	7 h m	7 h m	7 h m	7 h 30m	h m	8 h 48m	7 h 15m	h m	h m
				02 31 10		02 05 10	02 35 10	10 02 30	10 02 45		10 03 15	10 05 25		
				05 06 10		05 00 00	05 34 25	15 34 25	15 02 45		15 06 15	20 13 15		
				08 03 15		10 30 20	10 34 25	20 33 35	35 13 05		20 09 05	25 31 15		
				10 02 15		15 32 20	15 33 35	25 30 20			35 24 15			
				15 36 25		20 31 25	20 33 35	40 30 30			40 02 05			
				20 32 25		30 30 40		45 28 20			45 34 10			
				23 30 20		40 29 45					50 34 10			
				25 28 30							60 33 20			
				30 28 30							75 31 20			
				35 28 35										

Forecast for 24 hours from noon on

[illegible]

STATION	Mean of day: Humidity % on 19th	Diff. from normal	Wet bulb temp °C on 19th	Diff. from normal
Alexandria	68	-3	19.2	+0.4
Ezbekiya	42	-8	17.8	-0.8
Giza	40	-10	17.3	-1.1
Helwan	33	-5	16.0	-0.6

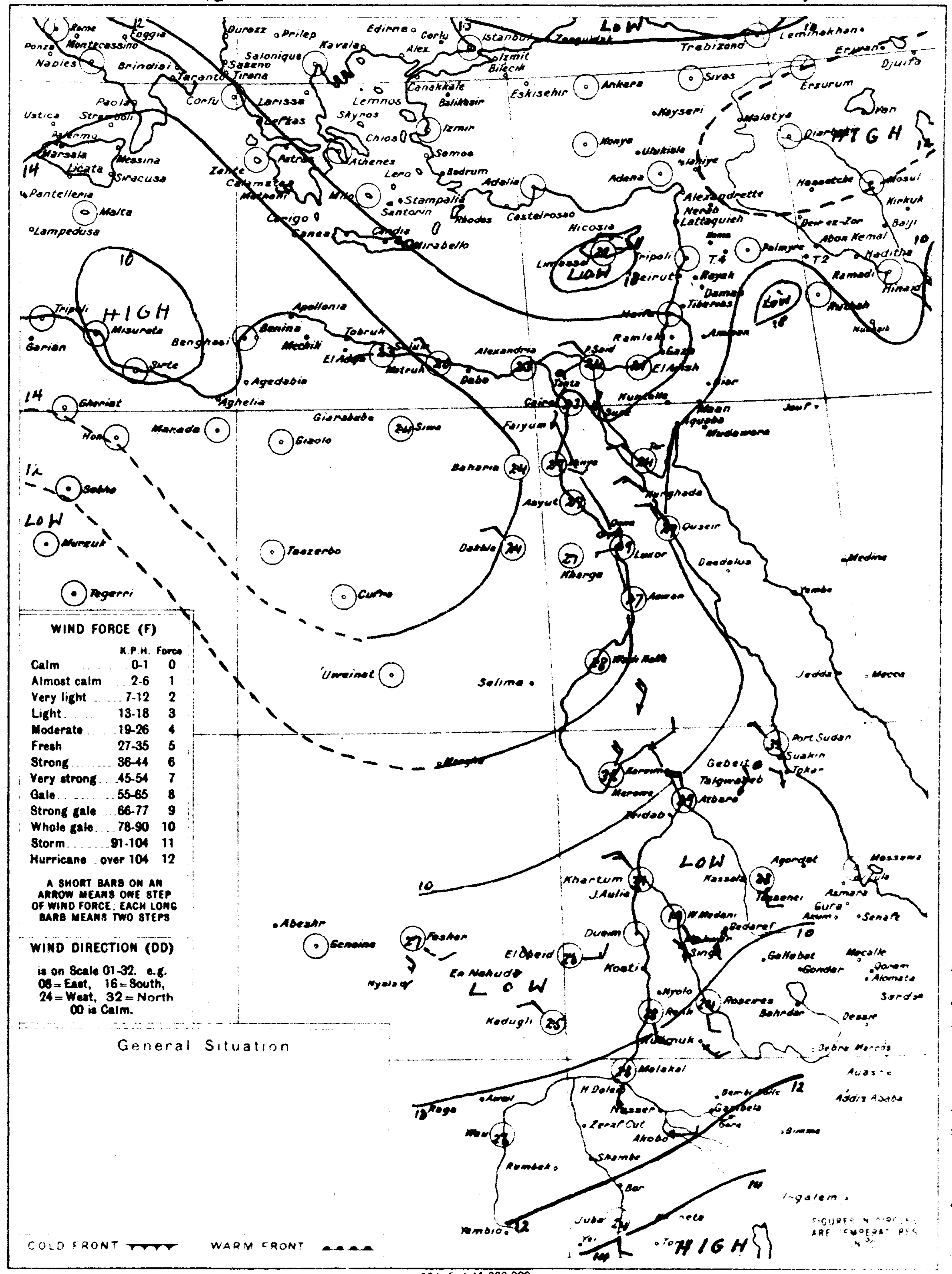
Giza Grass minimum on 20th 10.3

Discharges at Aswan measured by sluices m³ per sec

DATE	1945	1944
20.5	1042	1215
19.5	984	1215

GAUGE	Date 1945	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	20-5	—	—	13.01	-0.53
Nasser		—	—	6.58	+0.25
Malakal		9.67	-0.53	9.61	-0.59
Roseires		13.44	+1.46	13.44	+1.50
Sennar Res.		—	—	13.58	—
J. Aulia U.S.		—	—	370.56	—
J. Aulia D.S.		—	—	370.52	-0.38
Khartum		—	—	9.63	-0.53
Khashm el Girba		—	—	—	—
Atbara		—	—	9.87	-0.14
Kajnarti		131.11	-0.84	131.17	-0.77
Aswan Res.		118.10	—	118.22	—
Aswan D.S.		85.39	-0.42	85.30	-0.49
Roda (Cairo)		16.38	+0.90	16.33	+0.85

١٩٤٥-٥-٢٠ Isobars, Wind and Temperature at 8 h. 20-5-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000 000

At 8 h. on 20th الساعة ٨ يوم ٢٠

STATION محطة	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs	Diff from normal mbs	Dry bulb °C	Max. yesterday °C	Diff from norm.	Min. today °C	Diff from norm.	Humidity %	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	7	08	4	1	3	8	9.4	-2.9	22	—	—	—	—	83	0	633	455
Nag Hamadi	00	8	00	0	0	0	—	12.3	—	25.5	34	—	16	—	36	0	16	—

SHIPS [illegible]

Remarks

Water Temp. River Nile Cairo 25.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro-stratus	2
Cirro-cumulus	[illegible]
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	[illegible]
Stratus	0

Printed by the Survey of Egypt [illegible] 1938 38 554 [illegible] 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h 58 m
Sunset 18 h 45 m

Month MAY, 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

١٩٤٥/٥/٢١

1417 F.C.

At 14 h. on 20th — At 8 h. on MONDAY 21st الاثنين ٢١

Station	ww	V	DD	F	W	N	C	PPP	TTT	UU	ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs)	Diff. from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff. from norm.	Min. Today °C	Diff. from norm.	Humidity	Rain past 24 h. mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station No.
Mediterranean SALUM	00	9	04	3	0	0	—	14.2	23.4	85	00	9	24	2	0	0	—	14.3	—	20.9	27		—		83	0	—		130
MATRUH	01	9	30	3	1	4	8	13.5	22.1	84	01	9	30	2	1	4	8	14.6	+0.7	20.0	23	-2	17	+1	92	0	111	160	131
DIKHEILA																													150
ALEXANDRIA	00	9	02	3	0	0	—	12.8	25.0	68	01	9	26	2	2	5	4	14.2	+0.4	21.2	26	0	19	+1	78	0	260	185	132
DAMIETTA	00	8	30	3	0	0	—	12.0	25.0	48	00	8	20	2	1	1	4	12.8	—	23.2	25		16		67	0	110	105	159
PORT SAID	00	8	28	4	0	0	—	12.3	25.3	65	00	8	20	3	0	3	8	12.8	+0.2	22.9	27	0	18	0	67	0	107	79	134
EL ARISH	00	9	30	1	0	0	—	11.5	28.6	47	00	9	20	1	0	0	—	12.8	-0.4	20.4	29	+2	19	+4	56	0	318	93	135
Lower Egypt DAMANHUR	00	6	28	3	0	0	—	12.0	29.0	29	00	6	20	3	0	0	—	13.4	-0.2	23.2	30	-1	15	0	67	0	169	101	136
MANSURA	01	8	30	2	1	3	8	10.6	31.2	29	00	8	04	2	0	0	—	13.4	—	22.5	33	+1	16	0	66	0	102	54	137
TANTA	01	8	32	1	1	4	8	11.5	30.8	38	00	8	00	0	0	0	—	13.6	-0.1	23.0	31	-2	—	—	66	0	83	43	138
ZAGAZIG	02	7	20	2	1	5	8	11.1	31.6	27	00	7	24	2	0	0	—	13.2	-0.3	24.4	32	-1	19	+3	59	0	57	27	139
Middle Egypt Cairo ALMAZA	01	8	28	1	1	4	8	12.2	32.0	25	00	7	02	1	0	0	—	14.3	—	21.1	33		17		74	0	70		141
Cairo EZBEKIYA	01	8	32	2	1	4	8	11.4	32.0	22	05	6	32	1	0	0	—	13.9	+0.9	23.1	33	0	18	0	64	0	56	26	—
Cairo GIZA	01	8	30	2	1	5	8	10.4	32.2	18	00	6	28	1	0	0	—	14.0	+0.8	20.8	33	0	16	+1	77	0	51	26	
HELWAN	01	8	28	4	1	4	8	10.8	31.2	13	05	6	28	3	0	0	—	13.9	+1.0	21.8	33	0	17	-1	55	0	126	29	143
SUEZ	00	9	02	1	0	0	—	11.2	31.6	39	00	9	02	2	0	0	—	13.5	+1.1	24.6	33	+1	18	-1	54	0	56	17	144
Upper Egypt FAIYUM	01	8	02	2	1	4	8	10.4	32.4	14	00	8	32	3	0	0	—	13.5	+0.7	23.5	34	+1	16	-2	50	0	109	8	153
MINYA	00	9	04	3	1	0	—	9.9	35.3	—	00	9	28	1	0	0	—	13.2	+1.1	27.8	36	+1	18	0	35	0	1		154
ASYUT	00	8	30	2	0	0	—	10.6	34.2	14	00	7	26	1	0	0	—	13.1	+1.1	26.2	35	0	20	+1	41	0	29	4	155
QENA	00	9	26	2	0	0	—	9.4	36.0	17	00	8	18	3	0	0	—	12.0	+1.6	29.1	38	-1	21	0	23	0	29		156
LUXOR	00	7	26	4	0	0	—	10.6	36.0	13	00	7	26	2	0	0	—	12.7	—	31.5	37		23		19	0	17		157
ASWAN	00	9	32	4	0	0	—	9.6	36.0	04	00	9	02	3	0	0	—	12.4	+1.9	27.5	37	-3	23	-1	10	0	8	—	158
Western Desert SIWA	00	8	27	2	0	0	—	14.2	33.3	34	00	7	00	0	0	0	—	15.1	+0.9	25.0	34	-1	17	0	61	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	11.8	32.0	43	00	9	32	1	0	0	—	14.3	+1.0	23.0	34		14		59	0	9		149
KHARGA	00	9	04	2	0	0	—	10.7	36.0	11	00	9	32	2	0	0	—	13.6	+2.7	26.7	36	-2	23	+2	36	0	10	—	151
DAKHLA	00	9	24	2	0	0	—	11.1	34.5	34	00	8	12	1	0	0	—	14.8	+2.8	26.8	36	-2	20	0	28	0	3		152
Red Sea TOR	00	7	28	1	0	0	—	9.6	30.9	58	00	7	00	0	0	0	—	11.4	+1.0	25.5	31	0	18	-3	47	0	5	13	145
HURGHADA	00	9	30	5	0	0	—	9.9	32.0	54																		—	146
QUSEIR	00	8	02	2	0	0	—	9.1	29.0	65	00	8	30	2	0	0	—	10.6	+0.3	27.0	32	+1	—	—	43	0	20	—	147
PORT SUDAN																										0	91	97	169
North Sudan WADI HALFA	00	8	28	4	0	0	—	9	38	07	00	8	30	2	0	0	—	13		28					76	0	6		165
KAREIMA	02	8	32	4	1	5	4	7	37	13	01	8	04	3	1	3	4	11		31					11	0	3	2	166
ATBARA	01	7	04	3	1	4	8,4	4	38	11	00	8	02	4	1	0	—	4		32					13	0	13	6	167
KHARTUM																										0	11	7	168
KASSALA	02	8	22	3	0	5	8,4	5	37	27	01	8	18	3	1	4	4,5	9		29					55	0	18	20	170
Central Sudan WAD MEDANI	02	9	16	1	6	5	5	8	29	55	02	9	22	4	1	5	1	11		26					79	3	32	21	171
DUEIM																										0	4	22	173
RENK	02	9	32	4	1	6	9	7	31	49	02	8	20	3	1	6	9	11		25					79	—	—	76	182
ROSEIRES	02	7	18	2	1	7	4	8	31	59	50	7	14	2	5	8	9	13		24					94	1	49	91	172
EL OBEID	02	7	10	2	1	8	4,1	8	31	38	02	9	18	2	1	6	4,1	10		26					79	1	63	29	174
EL FASHER											05	6	12	2	1	6	4,5	—		28					45	0	17	12	175
GENEINA											02	8	00	0	1	8	4,2	—		26					70	—	—	20	179
KADUGLI																										—	—	147	187
S. Sudan MALAKAL											02	8	06	2	1	7	4,5	12		23					94	40	138	168	176
WAU	02	8	00	0	1	8	8,1	8	32	71																4	284	318	177
JUBA																											408	410	178

UPPER WINDS ON 21st الرياح العليا يوم ٢١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 15 m.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 7 h.	FASHER 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKAL 7 h.	GENEINA 7 h.
				02 33 25		02 01 10	02 35 10	05 02 35	05 04 55		05 01 30	05 23 15	05 08 10	
				05 01 15		05 36 40	05 35 50	10 02 35	10 02 50	10 12 20	10 02 35	10 19 20	10 10 10	10 03 05
				08 03 10		10 36 50	10 35 20	15 31 35	15 01 40	15 11 25	15 01 30	15 06 30	15 08 15	15 15 15
				10 08 05		15 34 35	15 29 25	20 31 30	20 36 20	20 07 40	20 35 05	20 06 30	20 09 30	20 18 20
				15 13 05		20 33 30	20 29 30	25 31 55	25 33 20	25 07 25	25 27 05	25 06 30	25 10 30	25 17 20
				20 01 10		25 34 25		35 31 60	30 29 20		35 22 20	35 06 15	35 09 25	35 18 25
				25 36 15		30 29 15		40 27 20	36 31 20		40 22 25	40 08 15	40 09 35	
				30 34 20				45 26 25			45 29 30			
				40 33 30				50 25 25						
				45 33 30										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

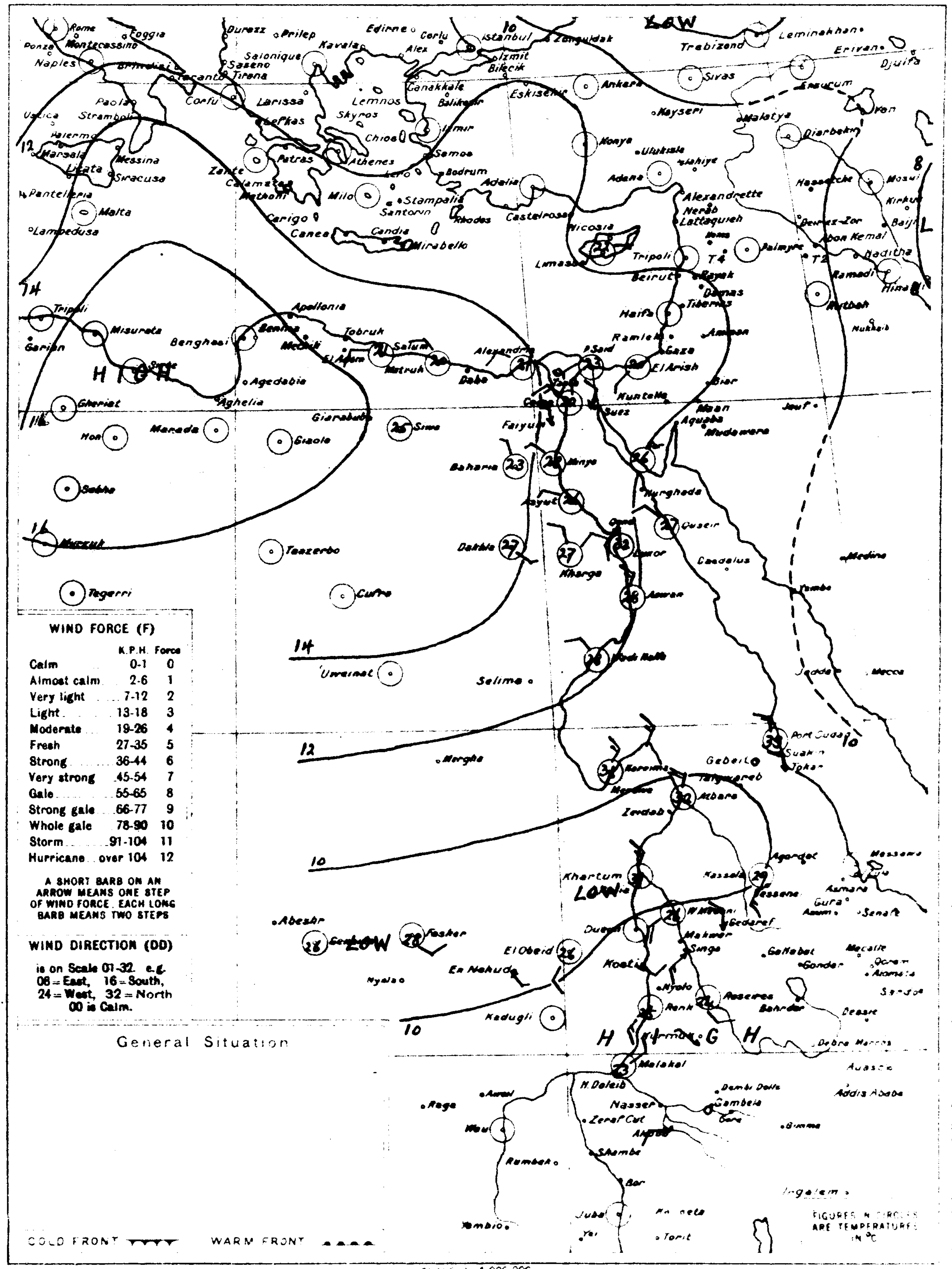
Station	Mean of day Humidity on 20th	Diff. from normal	Wet bulb temp. 20th	Diff. from normal
Alexandria	77	+6	20.0	+1.1
Ezbekiya	38	-12	17.8	-0.9
Giza	48	-2	17.7	-0.8
Helwan	39	+1	16.7	0.0
Giza Grass minimum	21st	10.7		

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
21-5	1042	1273
20-5	1042	1215

Gauge	Date 1945	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	21-5			6.72	+0.35
Nasser		9.79	-0.42	9.67	-0.53
Malakal		13.00	+0.98	13.44	+1.46
Roseires				13.40	—
Sennar Res.				37.53	—
J. Aulia U.S.				370.48	-0.42
J. Aulia D.S.				9.54	-0.63
Khartum					
Khashm el Girba					
Atbara		9.79	-0.21	9.80	-0.21
Kajnarti				131.11	-0.84
Aswan Res.		117.97	—	118.10	—
Aswan D.S.		85.40	-0.42	85.39	-0.42
Roda (Cairo)		16.42	+0.94	16.38	+0.90

Isobars, Wind and Temperature at 8 h. 21-5-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	[illegible]
Cirro-stratus	2
Cirro-cumulus	[illegible]
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	[illegible]
Nimbo-stratus	[illegible]
Cumulus	[illegible]
Cumulo-nimbus	[illegible]
Stratus	[illegible]

At 8 h. on 21st ٢١

Station	Present Weather ww	Visibility V	Wind DD	Force F	Past Weather W	Cloud N	Cloud C	Bar. Pressure M.S.L. 1000+ mbs	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rain past 24 h.	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	26	1	0	0	—	13.5	—	25.0	34	—	17	—	40	0	16	—
Limassol	02	7	08	2	1	7	6	11.2	-1.1	22	—	—	—	—	78	0	633	455

SHIPS سفن

Remarks
Water Temp. River Nile Cairo 25.0 °C

HOURS ARE EUROPEAN STANDARD TIME (LONG. 30° E) AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1928 / 38 / 554 / 1939 (39/77?)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD

CAIRO
Time of Sunrise h m 04 58
Sunset 18 45

Month MAY, 1945 ١٩٤٥ شهر مـايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Region	Station	14h 21st: Present weather ww	V	Wind DD	F	Past weather W	Cloud N	C	Bar. press. M.S.L. 1000+ mbs PPP	Temp. TTT	Humidity UU	8h Tuesday 22nd: Present weather ww	Visibility V	Wind DD	F	Past weather W	Cloud Amount N	Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry bulb °C TTT	Max. yesterday °C MM	Diff. from norm. °C	Min. today °C mm	Diff. from norm. °C	Humidity UU	Rainfall past 24 hrs mms	Total from Oct. 1 mms	Normal from Oct. 1 mms	Station number
MEDITERRANEAN	SALUM	00	9	32	3	0	0	—	14.6	25.7	69	00	9	32	1	0	0	—	14.8	—	23.8	28		16		71	0	—		130
	MATRUH	00	9	32	3	1	3	8	14.2	23.0	89	00	9	28	2	0	0	—	14.8	+0.9	21.2	24	-1	16	-1	94	0	111	160	131
	DIKHEILA																													150
	ALEXANDRIA	00	9	02	4	0	0	—	13.8	24.2	66	00	9	00	0	0	0	—	14.8	+1.0	22.0	26	0	19	+1	80	0	260	185	132
	DAMIETTA	00	8	30	3	0	0	—	12.7	26.5	45	01	6	00	0	1	4	8	14.0	—	21.9	28		16		83	0	110	105	159
	PORT SAID	00	8	02	3	0	0	—	12.3	26.8	57	01	8	20	2	0	5	8	13.9	+1.4	22.1	28	+1	19	+1	79	0	107	79	134
	EL ARISH	00	9	30	1	0	0	—	—	27.4	49	00	9	00	0	0	0	—	13.6	+0.4	20.4	28	+1	16	+3	56	0	318	93	135
LOWER EGYPT	DAMANHUR	00	7	28	3	0	0	—	13.1	30.6	38	43	3	04	3	4	9	—	14.0	+0.4	19.3	31	0	17	+2	90	0	169	101	136
	MANSURA	00	8	32	2	0	0	—	12.0	31.5	24	41	6	32	1	4	3	6	14.6	—	21.2	33	+1	16	0	80	0	102	54	137
	TANTA	00	8	24	2	0	0	—	12.6	31.5	32	00	8	00	0	0	0	—	14.6	+1.0	23.0	32	-1	15	-1	74	0	83	43	138
	ZAGAZIG											00	7	24	2	0	0	—	14.4	+0.9	22.2	32	-1	15	-1	80	0	57	27	139
MIDDLE EGYPT — CAIRO	ALMAZA	00	7	30	2	0	0	—	12.6	31.0	17	00	7	02	1	0	0	—	15.2	—	21.1	32		18		81	0	70		141
	EZBEKIYA	00	8	30	2	0	0	—	12.3	30.2	29	09	5	28	1	1	2	8	14.0	+1.1	23.3	33	0	18	0	73	0	56	26	—
	GIZA	00	8	28	2	0	0	—	11.9	31.8	24	09	5	30	1	4	1	8	14.3	+1.2	19.8	32	-1	15	0	86	0	51	26	—
MIDDLE EGYPT	HELWAN	00	8	26	2	0	0	—	11.6	30.0	17	05	6	00	0	0	0	—	13.9	+1.1	21.9	31	-2	17	-1	56	0	126	29	143
	SUEZ	00	9	30	1	0	0	—	11.8	31.8	27	00	9	30	1	0	0	—	14.3	+1.9	24.5	33	+1	18	-1	67	0	56	17	144
UPPER EGYPT	FAIYUM	00	8	26	1	0	0	—	11.6	31.0	15	00	8	30	2	0	0	—	14.0	+1.2	24.3	32	-1	17	-1	50	0	109	8	153
	MINYA	00	9	02	3	0	0	—	11.1	33.4	11	00	9	02	2	0	0	—	13.9	+1.8	24.8	34	-1	18	0	46	0	1		154
	ASYUT	00	8	26	1	0	0	—	11.1	33.0	09	00	7	22	1	0	0	—	13.6	+1.7	24.5	34	-2	17	-3	37	0	29	4	155
	QENA	00	9	26	2	0	0	—	9.5	35.4	20	00	8	28	2	0	0	—	12.0	+1.6	25.6	37	-2	20	-1	31	0	29		156
	LUXOR	00	7	22	1	0	0	—	10.6	36.0	13	00	7	10	1	0	0	—	13.1	—	30.0	37	—	17		18	0	tr.		157
	ASWAN											00	9	32	1	0	0	—	12.3	+1.9	26.5	36	-4	22	-2	12	0	8	—	158
	SIWA	00	8	00	0	0	0	—	14.8	32.8	56	00	7	00	0	0	0	—	15.1	+0.9	25.5	34	-1	18	+1	60	0	45	8	148
	BAHARIYA	00	9	32	1	0	0	—	11.6	31.3	37	00	9	00	0	0	0	—	14.0	+0.7	25.0	33		17		47	0	9		149
	KHARGA	00	9	32	4	0	0	—	11.8	33.1	14	00	9	08	1	0	0	—	13.2	+2.3	28.0	33	-5	17	-5	24	0	10	—	151
	DAKHLA	00	9	28	2	0	0	—	12.7	32.0	14	00	8	24	1	0	0	—	14.2	+2.3	25.0	34	-4	19	-1	25	0	3		152
RED SEA	TOR	00	7	28	1	0	0	—	11.4	28.9	70	00	7	00	0	0	0	—	12.2	+1.9	26.3	31	-1	18	-3	80	0	5	13	145
	HURGHADA											00	9	30	3	0	0	—	12.3	+1.7	27.1	34	+1	20	-1	37	0	17	—	146
	QUSEIR	00	8	32	4	0	0	—	10.7	29.0	60	00	8	32	2	0	0	—	11.4	+1.1	27.0	31	0	—	—	42	0	20	—	147
	PORT SUDAN																										0	91	97	169
NORTH SUDAN	WADI HALFA	00	8	28	4	0	0	—	10	36	06	00	8	30	1	0	1	4	13		27					27	0	6		165
	KAREIMA	00	8	22	4	1	1	4	8	38	07	00	8	04	4	0	3	1	12		29					12	0	3	2	166
	ATBARA	00	8	32	2	0	0	—	5	38	08	01	8	32	3	1	5	4,1	9		29					17	0	13	6	167
	KHARTUM																										0	11	7	168
	KASSALA	01	8	00	0	0	4	8	5	38	25	01	8	00	0	1	4	4	8		30					49	0	18	20	170
CENTRAL SUDAN	WAD MEDANI	02	9	16	2	1	5	6	5	35	30	01	8	02	3	1	4	5	9		28					25	0	32	22	171
	DUEIM																										0	4	22	173
	RENK	01	9	08	3	1	5	8	8	29	52	01	9	20	3		4	8	10		26					70	—	—	77	182
	ROSEIRES	02	7	26	2	5	6	4	10?	25	84	03	7	14	2	2	8	6	12		24					84	1	50	93	172
	EL OBEID	02	9	08	3	1	5	4,1	6	35	44	02	9	32	3	1	6	4,5	8		30					18	0	63	30	174
	EL FASHER	01	8	04	2	1	5	2	—	35	19																0	17	13	175
	GENEINA																												21	179
	KADUGLI	02	7	28	2	1	6	4	7	33	47	02	8	28	3	1	6	4	11		25					84	—	—	150	187
S. SUDAN	MALAKAL	02	8	00	0	1	7	4,6	8	30	55	02	8	20	1	1	6	4,5	11		26					79	0	138	171	176
	WAU	02	8	00	0	1	8	8,4	8	32	50	02	8	00	0	1	7	4,5	11		25					84	0	284	323	177
	JUBA	02	8	00	0	1	6	4,1	12	28	70	01	8	20	1	1	3	8,4	12		24					97	24	432	415	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 22nd

Salum	Matruh	Dikheila	Port Said	Helwan 8 h. 30 m.	Minya	Asyut 7 h.	Aswan 7 h.	Wadi Halfa 7 h.	Kareima	Khartum	Kassala 7 h.	El Obeid 7 h.	Malakal 7 h. 15 m.	Juba 7 h. 15 m.
				02 32 20		02 33 05	02 36 05	10 01 35			10 01 10	10 03 30	10 19 20	10 23 15
				05 04 20		05 08 15	05 36 30	15 03 15			15 33 05	15 03 35	15 21 15	15 16 10
				08 05 30		10 08 10	10 01 25	20 34 35			20 31 10	20 02 35	20 21 15	20 14 10
				10 03 25		15 07 10	15 35 20	25 34 50			25 31 05	25 02 30	25 21 05	25 13 20
				15 01 15		20 05 05	20 04 15	35 34 30			35 30 05	35 30 30	35 21 05	35 23 20
				20 03 05		25 24 10	25 33 10	40 31 20			40 31 05		40 06 05	40 15 15
				23 04 05		30 31 10		45 28 20			45 32 10			
				25 12 05		40 29 20		50 27 40			50 31 10			
				28 12 10				55 28 40						
								65 28 40						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

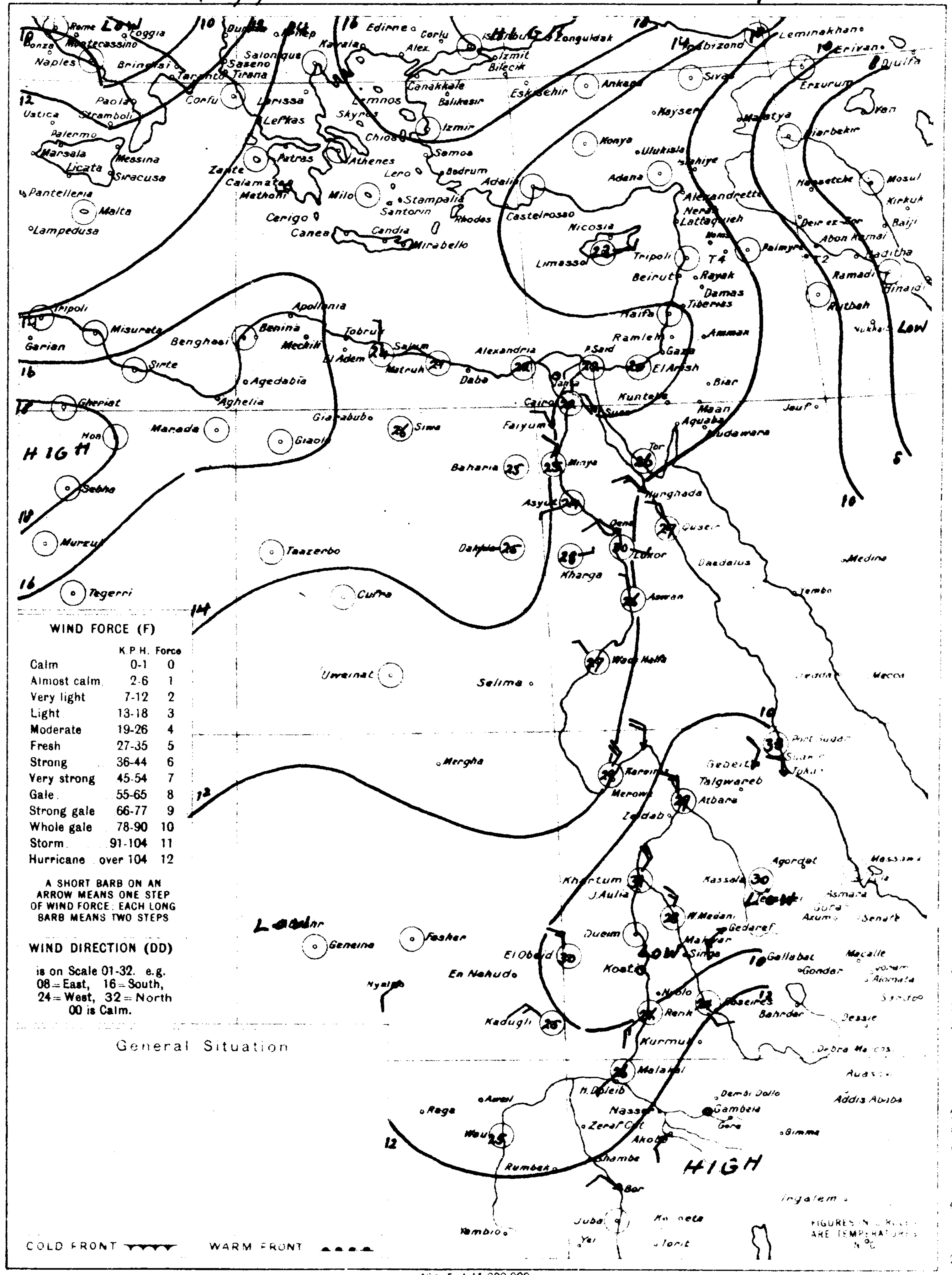
Station	Mean of day: Humidity % on 21st	Diff. from normal	Wet bulb temp. on 21st	Diff. from normal
Alexandria	78	+7	19.2	+0.2
Ezbekiya	48	-2	18.5	-0.3
Giza	57	+7	18.4	-0.1
Helwan	40	+2	16.6	-0.2
Giza Grass minimum	22nd		11.5	

Discharges at Aswan measured by sluices m.³ per sec.

Date	1945	1944
22-5	1042	1273
21-5	1042	1273

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	22-5			13.34	-0.22
Nasser				6.99	+0.57
Malakal		9.89	-0.33	9.79	-0.42
Roseires		12.84	+0.77	13.00	+0.98
Sennar Res.				13.26	—
J. Aulia U.S.				370.57	—
J. Aulia D.S.				370.52	-0.39
Khartum				9.59	-0.59
Khashm el Girba					
Atbara				9.79	-0.21
Kajbarti				131.08	-0.87
Aswan Res.		117.81	—	117.97	—
Aswan D.S.		85.40	-0.43	85.40	-0.42
Roda (Cairo)		16.51	+1.03	16.42	+0.94

١٩٤٥/٥/٢٢ Isobars, Wind and Temperature at 8 h. 22 - 5 - 1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

SCALE 1:15 000 000

Station	At 8 h. on 22nd: Present weather ww	Visibility V	Wind DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry bulb TTT	Max. yesterday MM	Diff. from norm.	Min. today	Diff. from norm.	Humidity UU	Rainfall past 24 hrs	Total from Oct. 1	Normal from Oct. 1
N. Hamadi	00	8	00	0	0	0	—	12.8	—	26.4	35	—	16	—	31	0	16	—
Limassol	01	8	08	2	1	3	8	11.4	-0.8	23	—	—	—	—	78	0	633	456

SHIPS

Remarks
Water Temp. River Nile Cairo 25.4 °C.

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in past hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
with Slow Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ..	1
500 ..	2
1 Kilometre	3
2 ..	4
4 ..	5
10 ..	6
20 ..	7
50 ..	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	[illegible]
Cirro stratus	2
Cirro cumulus	[illegible]
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION. INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h 57 m
Sunset 18 h 46 m

Month MAY 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 22nd ٢٢ الساعة ١٤ يوم — At 8 h. on WEDNESDAY 23rd الأربعاء ٢٣ الساعة ٨ يوم

Region	STATION	14h ww Present weather	14h V Visibility	14h DD Wind Dir.	14h F Force	14h W Past weather	14h N Cloud Amount	14h C Form	14h PPP Bar. press M.S.L. 1000+ mbs.	14h TTT Temp.	14h UU % Humidity	8h ww Present weather	8h V Visibility	8h DD Wind Dir.	8h F Force	8h W Past weather	8h N Cloud Amount	8h C Form	8h PPP M.S.L. 1000+ mbs.	Diff from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff from norm. °C	Minimum Today °C mm	Diff from norm. °C	UU Humidity	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALUM																													130
	MATRUH	00	9	32	2	0	0	—	14.4	23.0	85	01	9	32	2	1	4	8	16.0	+2.1	21.6	24	−1	16	−1	84	0	111	160	131
	DIKHEILA																													150
	ALEXANDRIA	01	9	02	2	2	4	8	15.0	25.0	68	00	9	00	0	0	0	—	15.5	+1.7	24.0	26	−1	19	0	74	0	260	185	132
	DAMIETTA	00	8	30	3	1	0	—	14.2	25.0	67	00	8	04	2	0	0	—	14.8	—	24.8	26		18		63	0	110	105	159
	PORT SAID	00	8	30	2	0	0	—	14.0	25.1	74	00	8	04	2	0	0	—	15.2	+2.7	22.9	26	−1	20	+2	77	0	107	79	134
	EL ARISH	00	9			0	0	—	—	27.3	53	00	9	00	0	0	0	—	—	—	20.3	28	+1	19	+4	63	0	318	93	135
LOWER EGYPT	DAMANHUR	01	7	32	3	1	4	8	15.6	28.3	52	00	6	08	3	0	0	—	14.7	+1.1	24.0	31	0	16	+1	60	0	169	101	136
	MANSURA	01	8	32	3	1	3	8	13.8	31.3	31	00	8	04	1	0	0	—	15.1	—	23.5	33	+1	17	+1	73	0	102	54	137
	TANTA	01	8	00	0	1	4	8	13.5	31.0	37	00	8	00	0	0	0	—	15.2	+1.6	22.8	32	−1	14	−2	78	0	83	43	138
	ZAGAZIG	02	7	04	2	1	5	8	12.7	30.2	33	00	7	04	2	0	0	—	14.8	+1.4	24.6	33	0	17	+1	57	0	5.7	27	139
MIDDLE EGYPT	CAIRO ALMAZA	01	8	01	1	0	3	8	13.5	32.4	27	00	7	06	3	0	0	—	15.0	—	27.2	33		20		31	0	70		141
	CAIRO EZBEKIYA	01	8	30	2	1	4	8	13.1	32.1	35	05	6	02	2	0	0	—	14.3	+1.4	27.5	34	+1	19	+1	34	0	56	26	—
	CAIRO GIZA	01	8	30	2	1	5	8	13.5	33.0	14	05	5	00	0	0	0	—	14.4	+1.3	24.6	33	0	15	0	38	0	51	26	
	HELWAN	01	8	26	4	1	4	8	12.3	32.0	15	00	6	04	4	0	0	—	13.8	+1.0	28.2	33	0	21	+3	16	0	126	29	143
	SUEZ																												17	144
UPPER EGYPT	FAIYUM	01	8	26	3	1	3	8	11.9	33.3	13	00	8	06	2	0	0	—	14.0	+1.2	27.2	33	−1	18	0	31	0	109	8	153
	MINYA	00	9	28	3	0	0	—	11.6	34.2	13	00	9	32	2	0	0	—	13.0	+1.0	25.9	35	0	18	0	41	0	1	—	154
	ASYUT	00	8	28	1	0	0	—	11.1	34.0	13	00	7	20	1	0	0	—	13.0	+1.1	26.5	35	−1	19	−1	35	0	24	4	155
	QENA	00	9	32	1	0	0	—	9.5	36.4	16	00	7	24	2	0	0	—	11.9	+1.6	25.8	38	−1	20	−1	35	0	29		156
	LUXOR	00	7	22	2	0	0	—	10.7	37.0	14	00	7	10	1	0	0	—	12.6	—	30.2	38		19		26	0	tr.		157
	ASWAN	00	9	16	1	0	0	—	9.6	36.0	05	00	9	02	1	1	0	—	11.2	+0.8	27.0	37	−3	22	−2	15	0	8		158
WESTERN DESERT	SIWA	00	8	00	0	0	0	—	14.6	35.0	37	00	7	00	0	0	0	—	15.6	+1.5	25.5	35	0	20	+3	53	0	45	8	148
	BAHARIYA	00	9	00	0	0	0	—	—	30.0	59	00	9	00	0	0	0	—	14.2	+1.0	24.0	33		19		57	0	9		149
	KHARGA	00	9	04	2	0	0	—	10.7	33.4	14	00	9	04	1	0	0	—	13.4	+2.6	26.7	34	−4	18	−4	30	0	10.		151
	DAKHLA	00	9	28	2	0	0	—	12.3	33.0	16	00	8	28	1	0	0	—	14.0	+2.1	26.0	34	−4	19	−1	27	0	3		152
RED SEA	TOR	00	7	28	1	0	0	—	10.0	28.4	73	00	7	28	1	0	0	—	11.0	+0.8	24.6	32	0	19	−2	88	0	5	13	145
	HURGHADA	00	9	02	3	0	0	—	11.0	30.0	71	00	9	30	4	0	0	—	—	—	27.6	32	−1	21	0	30	0	17		146
	QUSEIR	00	8	32	2	0	0	—	11.2	29.0	64	00	8	30	2	0	0	—	10.4	+0.2	27.0	31	−1			38	0	20		147
	PORT SUDAN																										0	91	97	169
NORTH SUDAN	WADI HALFA	00	8	30	4	0	2	1,2	9	36	07	00	8	00	0	0	1	1,2	13		26					21	0	6		165
	KAREIMA	02	8	32	4	1	6	2	8	37	05	00	8	06	2	1	2	1,2	11		29					17	0	3	2	166
	ATBARA	01	8	32	2	1	3	8,1	5	38	08	00	8	32	3	0	0	—	9		29					12	0	13	6	167
	KHARTUM																										0	11	7	168
	KASSALA	00	8	28	1	1	2	8,4	4	37	33	02	8	20	2	0	5	2	7		30					43	0	18	20	170
CENTRAL SUDAN	WAD MEDANI	01	8	16	2	1	3	8	4	36	18	01	9	06	3	1	4	4	9		31					11	0	32	22	171
	DUEIM																										0	4	23	173
	RENK	02	4	20	3	1	6	9	6	34	36	02	9	18	3	1	4	9											79	182
	ROSEIRES	00	7	10	2	1	0	—	8	33	53	02	7	18	2	6	7	6	14?		—					—	11	61	96	172
	EL OBEID	01	9	06	3	1	5	4,1	5	36	22	02	9	00	0	1	5	4,5	13		27					28	0	63	30	174
	EL FASHER											02	8	08	3	1	7	4	—		29					20	0	17	13	175
	GENEINA											02	9	00	0	1	8	1,2	—		24					74			21	179
	KADUGLI	02	8	12	3	1	5	4	8	32	50	01	8	12	2	1	4	1	12		24					64			153	187
S. SUDAN	MALAKAL	02	8	12	4	6	7	9,4,8	10	—	—	02	8	00	0	4	5	4	12		23					94	1	139	174	176
	WAU	01	8	24	1	1	5	8	9	34	39	02	8	00	0	1	6	6,4,5	11		24					89	2	286	328	177
	JUBA	02	8	06	1	1	6	9,4	9	32	55	02	8	00	0	1	8	8,4,2	14		25					84	0	434	420	178

UPPER WINDS ON 23rd رياح عليا يوم ٢٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	CAIRO (DIKHEILA)	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	EL FASHER	GENEINA	EL OBEID	MALAKAL	JUBA
h m	h m	8 h 15 m	h m	8 h 30 m	h m	7 h m	7 h m	7 h m	h m	7 h m	6 h 30 m	7 h m	7 h 15 m	7 h m
		02 07 25		02 07 35		02 01 05	02 36 10	10 02 35		10 07 25	10 02 08	10 03 15	10 24 20	10 33 15
		05 07 30		05 07 15		05 03 25	05 36 15	15 34 30		15 07 40	15 10 30	15 04 55	15 18 15	15 03 15
		10 06 30		08 06 25		10 01 25	10 06 15	20 34 40		20 09 35	20 10 50	20 36 25	20 07 20	20 36 10
		15 03 20		10 06 25		15 01 20	15 16 15	35 33 45		35 06 15	35 09 30		35 05 30	35 02 15
		20 03 25		15 05 20		20 36 20				50 14 35	40 07 25		40 06 35	40 05 15
		25 06 20		20 04 20		25 03 20								50 13 05
		30 08 20		23 05 25		30 32 10								
		35 06 05		25 07 25		40 21 20								
				26 07 10										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 22nd	Diff. from normal	Mean of day Wet Bulb Temp. °C on 22nd	Diff. from normal
Alexandria	69	−2	19.8	+0.7
Ezbekiya	50	0	19.8	+0.4
Giza	56	+6	17.5	−1.1
Helwan	39	+1	17.0	+0.2

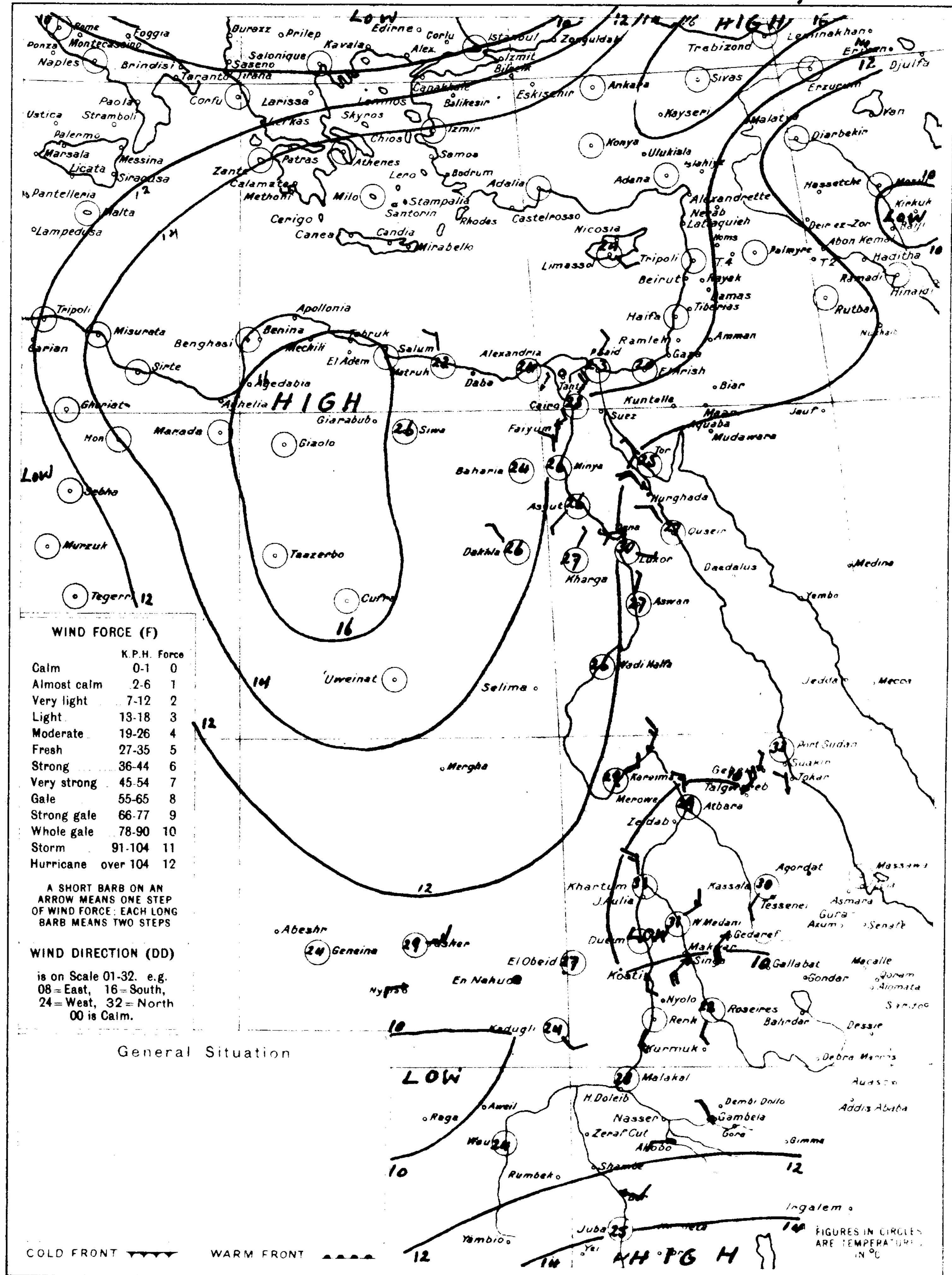
Giza Grass minimum on 23rd 11.7 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
23.5	1042	1273
22.5	1042	1273

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	23-5			7.05	+0.60
Nasser					
Malakal		9.98	−0.27	9.89	−0.33
Roseires		13.60	+1.48	12.84	+0.77
Sennar Res				12.76	
J. Aulia U.S				370.55	
J. Aulia D.S				370.53	−0.39
Khartum		9.54	−0.72	9.55	−0.66
Kh. el Girba					
Atbara		9.83	−0.14	9.81	−0.17
Kajnarti		131.04	−0.92	131.05	−0.91
Aswan Res.		117.68		117.81	
Aswan D.S.		85.40	−0.44	85.40	−0.43
Roda (Cairo)		16.51	+1.03	16.51	+1.03

Isobars, Wind and Temperature at 8 h. 23-5-1945. ١٩٤٥-٥-٢٣



At 8 h. on 23rd ٢٣ الساعة ٨ يوم

STATION	ww Present weather	V Visibility	DD Wind Dir.	F Force	W Past weather	N Cloud Amount	C Form	PPP M.S.L. 1000+ mbs	Diff from normal mbs	Dry Bulb °C	Max. Yesterday °C	Diff from norm.	Min. Today °C	Diff from norm.	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	8	12	2	0	0	—	14.6	+2.4	24					74	0	633	456
N. Hamadi	00	8	00	0	0	0	—	12.3		26.0	35		17		38	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO

Time of Sunrise 04 h 57 m

Sunset 18 h 47 m

Month MAY, 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Region	STATION	14h 23rd ww	V	DD	F	W	N	C	PPP	TTT	UU	8h Thursday 24th ww	V	DD	F	W	N	C	PPP (M.S.L. 1000+ mbs)	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALÛM	00	9	08	1	0	0	—	15.5	24.8	79	00	9	08	2	0	0	—	16.0	—	22.3	27	—	17	—	88	0	—	—	130
	MATRÛH	00	9	02	1	0	0	—	15.6	23.4	80	00	9	24	1	1	3	8	16.6	+2.8	23.4	24	-1	17	0	76	0	111	160	131
	DIKHEILA																						—		—				—	150
	ALEXANDRIA	01	9	06	4	2	4	8	15.4	25.7	64	00	9	00	0	0	0	—	16.2	+2.4	22.8	26	-1	19	0	76	0	260	185	132
	DAMIETTA	00	7	30	3	0	0	—	14.8	25.6	62	00	8	28	2	0	0	—	15.1	—	24.2	28	—	18	—	72	0	118	105	159
	PORT SAÎD	00	8	32	4	0	0	—	15.0	26.4	64	00	8	32	3	0	0	—	14.8	+2.3	23.5	27	0	20	+2	75	0	107	79	134
	EL 'ARÎSH	00	9	30	1	0	0	—	—	27.4	47	00	9	00	0	0	0	—	13.6	+0.5	20.2	28	+1	18	+3	49	0	318	93	135
LOWER EGYPT	DAMANHÛR	01	7	32	3	1	3	8	14.8	30.2	40	00	6	04	3	0	0	—	15.5	+2.0	23.3	32	+1	15	-2	74	0	169	101	136
	MANṢŪRA	00	8	02	3	0	0	—	14.0	30.5	30	00	8	32	2	0	0	—	15.6	—	24.5	34	+2	18	+1	66	0	102	54	137
	TANTA	01	8	32	1	1	4	4	13.9	32.7	28	00	8	00	0	0	0	—	15.4	+1.8	24.0	33	0	14	-2	67	0	96	43	138
	ZAGÂZÎG	00	7	32	2	0	0	—	14.3	32.4	23	00	7	28	2	0	0	—	14.8	+1.5	25.4	32	-1	16	0	62	0	57	27	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	00	8	03	3	0	1	8	14.0	32.9	26	00	7	04	2	0	0	—	15.1	—	24.6	33	—	20	—	57	0	70	—	141
	EZBEKÎYA	00	8	02	3	0	1	8	13.0	33.4	15	05	6	04	3	0	0	—	15.0	+2.1	24.9	34	+1	19	+1	62	0	56	26	—
	GÎZA	00	8	02	2	0	0	—	13.0	32.9	10	05	5	04	1	0	0	—	14.7	+1.7	23.1	33	0	15	0	67	0	51	26	—
	HELWÂN	00	8	32	5	0	0	—	12.2	33.0	11	00	6	28	1	0	0	—	14.0	+1.2	25.4	34	+1	20	+2	32	0	126	29	143
	SUEZ	00	9	02	3	0	0	—	12.4	32.7	28	00	9	02	2	0	0	—	14.6	+2.3	25.0	34	+1	20	+1	68	0	56	17	144
UPPER EGYPT	FAIYÛM	00	8	32	3	0	0	—	11.8	33.8	07	00	8	32	3	0	0	—	14.0	+1.3	25.3	34	0	18	0	38	0	109	8	153
	MINYA											00	9	32	2	0	0	—	12.8	+0.8	25.0	36	+1	17	-1	40	0	1	—	154
	ASYÛT	00	8	22	1	0	0	—	11.0	34.5	12	00	7	28	1	0	0	—	12.4	+0.5	25.8	35	-1	19	-1	28	0	29	4	155
	QENA	00	9	24	1	0	0	—	9.5	36.4	20	00	7	24	2	0	0	—	10.4	+0.1	27.0	39	0	21	0	31	0	29	—	156
	LUXOR	00	7	22	2	0	0	—	10.2	38.0	14	00	7	10	1	0	0	—	11.1	—	31.0	39	—	20	—	23	0	tr.	—	157
	ASWÂN	01	9	00	0	1	4	1	9.1	37.0	08	00	9	00	0	0	0	—	10.4	+0.1	29.0	39	-1	22	-2	24	0	8	—	158
WESTERN DESERT	SÎWA	00	8	28	2	0	0	—	15.1	34.3	65	00	7	00	0	0	0	—	16.2	+2.1	24.0	35	0	17	0	53	0	45	8	148
	BAHARÎYA	00	9	00	0	0	0	—	13.6	33.2	40	00	9	00	0	0	0	—	14.8	+1.6	23.0	35	—	17	—	56	0	9	—	149
	KHÂRGA	00	9	32	2	0	0	—	11.6	35.0	15	00	9	04	1	0	0	—	12.3	+1.5	29.1	35	-3	24	+2	29	0	10	—	151
	DÂKHLA	00	9	28	2	0	0	—	12.4	33.5	15	00	8	20	1	0	0	—	13.8	+1.9	27.0	35	-3	20	0	31	0	3	—	152
RED SEA	TÔR	00	7	28	1	0	0	—	—	30.3	72	00	6	28	1	0	0	—	9.4	-0.8	25.4	31	-1	19	-2	97	0	5	13	145
	HURGHÂDA	00	9	02	3	0	0	—	11.6	30.6	39																0	17	—	146
	QUṢEIR	00	8	32	2	0	0	—	10.7	29.3	55	00	8	32	3	0	0	—	9.8	-0.3	27.0	31	-1	—	—	63	0	20	—	147
	PORT SUDAN																										0	91	97	169
NORTH SUDAN	WÂDI HALFA	00	7	28	4	0	2	2	9	38	06	00	9	00	0	0	1	2	12		27					20	0	6	—	165
	KAREIMA	00	8	32	3	0	2	1	7	38	06	00	8	02	4	0	0	—	10		29					10	0	3	2	166
	'ATBARA	00	8	32	2	0	3	2	5	38	07	00	7	30	4	0	0	—	7		31					11	0	13	6	167
	KHARTÛM																										0	11	7	168
	KASSALA	00	8	00	0	0	0	—	3	39	23	00	8	14	3	0	0	—	6		31					—	0	18	21	170
CENTRAL SUDAN	WAD MEDANI	00	8	32	1	1	3	3	4	39	07	00	9	32	3	0	2	1	8		29					12	0	32	22	171
	DUEIM																										0	4	23	173
	RENK	02	9	20	3	1	6	8	7	33	34	01	9	20	3	1	4	7	9	—	26			—		62	—	—	80	182
	ROSEIRES	02	7	12	2	1	6	4	—	31	55	00	7	12	2	1	0	—	10		26					55	0	61	98	172
	EL OBEID	01	9	06	3	1	4	1	6	36	09	00	9	02	4	0	2	1	9		24					22	0	63	31	174
	EL FÂSHER	02	9	04	2	1	5	4,2	—	36	15	01	9	04	2	1	3	4,2	—		28					25	0	17	13	175
	GENEINA	01	8	04	1	1	4	4 2	—	34	16	02	8	00	0	1	6	4,5	—		—					—	—	—	22	179
	KADUGLI											01	8	26	2	0	4	1	11		—					—	—	—	156	187
S. SUDAN	MALAKÂL	01	8	28	2	1	3	8,4	8	31	43	02	8	16	1	1	5	4,5	10		27					70	0	139	177	176
	WÂU	02	8	00	0	1	7	4	7	32	50	01	8	00	0	1	5	4	10		27					70	0	286	333	177
	JÛBA	01	8	04	1	1	5	8,1	10	30	59	01	8	18	2	1	4	4,1	13		26					79	0	432	425	178

UPPER WINDS ON 24th الرياح العليا يوم ٢٤

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAID	HELWAN (8 h. 30 m.)	MINYA	ASYUT (7 h.)	ASWAN (7 h.)	WADI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA
				02 03 30		02 30 15	02 01 10							
				05 03 35		05 36 15	05 36 35							
				08 03 35		10 35 25	10 01 30							
				10 03 40		15 35 30	15 01 45							
				15 05 45		20 36 25	20 36 15							
				17 06 40		30 35 15	25 26 15							
						40 35 25	30 24 10							

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day — Humidity % on 23rd	Diff. from normal	Wet bulb temp °C on 23rd	Diff. from normal
Alexandria	76	+5	20.5	+1.3
Ezbekiya	28	-22	17.6	-1.4
Giza	30	-20	16.7	-2.0
Helwan	21	-17	16.2	-0.7

Giza Grass minimum on 24th 11.6 °C

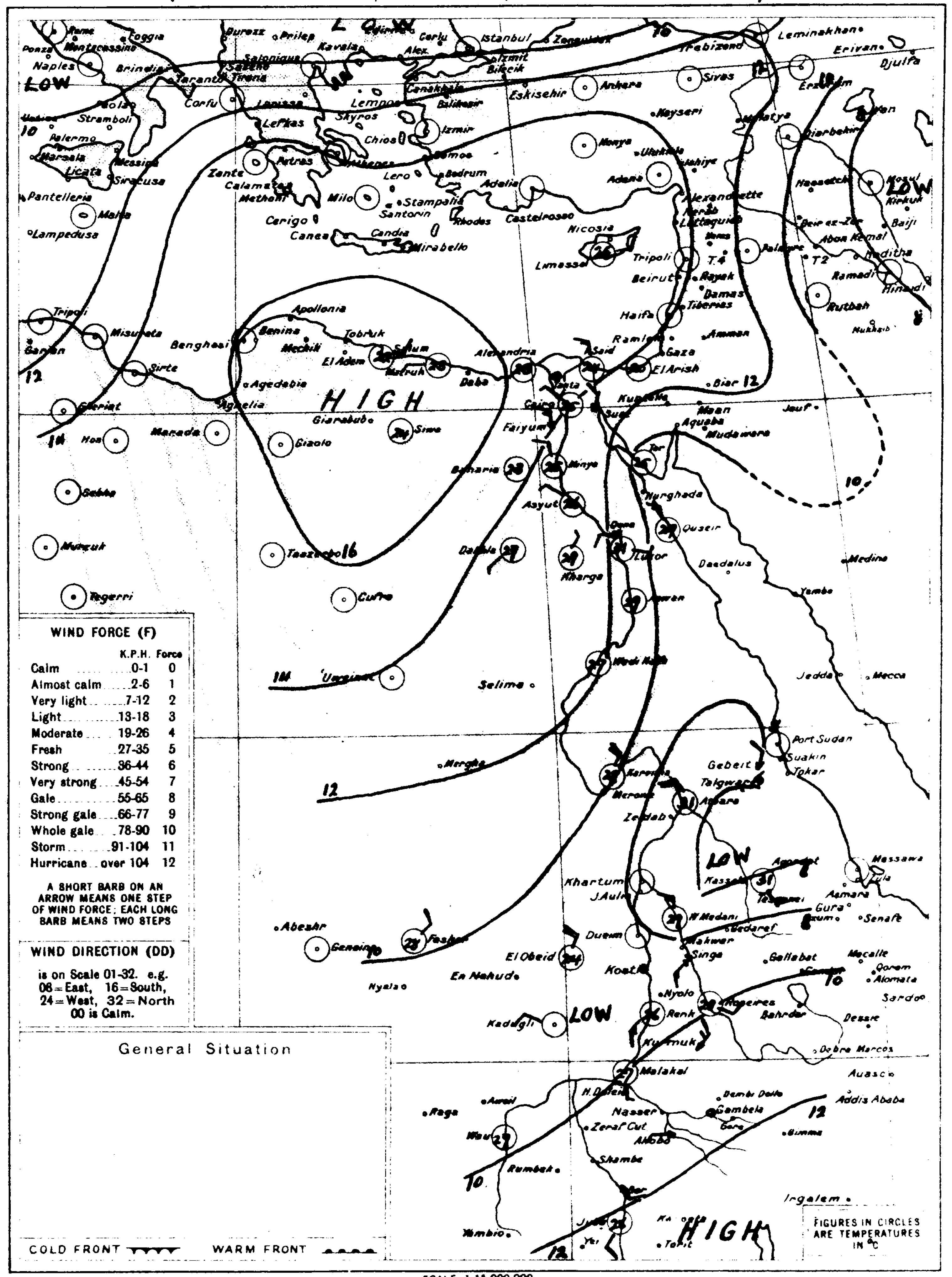
Discharges at Aswan measured by sluices m.³ per sec

DATE	1945	1944
24-5	1042	1273
23-5	1042	1273

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	24-5			12.94	-0.64
Nâṣer				7.16	+0.68
Malakâl		10.08	-0.20	9.98	-0.27
Roseires		14.28	+2.12	13.60	+1.48
Sennâr Res.				11.80	—
J. Aulia U.S				370.55	—
J. Aulia D.S				370.51	-0.42
Khartûm				9.58	-0.72
Kh. el Girba					
Atbara		9.94	-0.02	9.83	-0.10
Kajnarti				131.04	-0.92
Aswân Res.		117.52	—	117.68	—
Aswân D.S.		85.40	-0.46	85.50	-0.44
Rôda (Cairo)		16.47	+0.99	16.51	+1.03

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥ - ٥ - ٢٤ Isobars, Wind and Temperature at 8 h. 24-5-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT WARM FRONT

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

STATION مرصد	At 8 h. on 24th الساعة ٨ يوم ٢٤ Present weather ww	Visibility V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
N. Hamadi	00	8	00	0	0	0	—	12.3	—	27.8	36	—	16	—	39	0	16	—
Limassol	00	8	08	2	0	0	—	14.2	+2.2	25	—	—	—	—	61	0	633	456
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 25.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO

Time of Sunrise 04 h 57 m

Sunset 18 h 47 m

Month MAY, 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	At 14 h. on 24th (الساعة ١٤ يوم ٢٤) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	At 8 h. on FRIDAY 25th (الساعة ٨ يوم الجمعة ٢٥) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM	00	9	32	3	0	•	—	15.6	26.9	61	00	9	08	3	0	0	—	16.3	—	28.0	30	—	18	—	61	0	—	—	130
MATRÛH	00	9	32	2	0	0	—	15.5	24.0	83	00	9	28	1	0	0	—	14.8	+1.0	24.0	25	0	18	+1	54	0	111	160	131
DIKHEILA																						—		—				—	150
ALEXANDRIA											00	9	02	3	0	0	—	14.2	+0.4	23.0	27	0	20	+1	80	0	260	185	132
DAMIETTA	00	8	30	3	0	0	—	14.3	25.5	71	00	8	00	0	0	0	—	13.2	—	25.9	27	—	17	—	69	0	110	105	159
PORT SAÎD	00	8	30	4	0	0	—	14.0	26.2	73	00	8	32	2	0	0	—	13.1	+0.6	24.5	27	0	20	+1	69	0	107	79	134
EL 'ARÎSH	00	9	30	1	0	0	—	—	27.4	46	00	9	32	1	0	0	—	12.3	-0.8	20.4	28	+1	17	+2	54	0	318	93	135
LOWER EGYPT																													
DAMANHÛR	00	6	32	3	0	0	—	14.4	30.6	35	00	7	32	3	0	0	—	14.6	+1.1	24.0	32	+1	16	-1	65	0	169	101	136
MANṢÛRA	00	8	04	2	0	0	—	13.2	33.0	23	00	8	02	1	0	0	—	13.5	—	26.2	34	+2	18	+1	54	0	102	54	137
TANTA	00	8	00	0	0	0	—	12.7	33.3	29	00	8	00	0	0	0	—	13.6	+0.1	25.0	34	+1	14	-2	61	0	96	43	138
ZAGÂZÎG	00	8	04	2	0	0	—	12.4	33.2	24	00	7	10	2	0	0	—	13.4	+0.1	25.2	34	+1	16	0	59	0	57	27	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	8	02	3	0	0	—	13.1	33.5	26	00	8	03	1	0	0	—	14.2	—	24.0	34	—	18	—	67	0	70	—	141
CAIRO EZBEKÎYA	00	8	02	4	0	0	—	12.6	33.8	32	05	6	02	2	0	0	—	13.8	+1.0	25.1	34	0	19	+1	65	0	56	26	—
CAIRO GÎZA	00	8	02	4	0	0	—	11.9	34.0	21	05	6	02	2	0	0	—	13.6	+0.6	22.4	34	+1	17	+2	71	0	51	26	—
HELWÂN	00	8	32	4	0	0	—	11.4	34.0	17	05	6	30	1	0	0	—	12.8	+0.1	25.1	34	+1	18	0	46	0	126	29	143
SUEZ	00	9	02	3	0	0	—	10.8	32.8	36	00	9	02	1	0	0	—	12.3	0.0	27.0	34	+1	20	0	56	0	56	17	144
UPPER EGYPT																													
FAIYÛM	00	8	02	4	0	0	—	10.6	34.1	13	00	8	02	3	0	0	—	13.1	+0.4	26.2	35	+1	19	+1	43	0	109	8	153
MINYA	00	9	32	4	0	0	—	9.5	35.2	14	00	8	02	1	0	0	—	11.2	-0.8	28.3	36	+1	21	+3	43	0	1	—	154
ASYÛT	00	8	26	1	0	0	—	9.1	34.5	12	00	8	22	1	0	0	—	11.2	-0.6	27.0	37	+1	21	+1	40	0	29	4	155
QENA	00	9	14	1	0	0	—	7.0	38.1	19	00	7	20	1	0	0	—	9.2	-1.0	27.4	39	0	23	+2	45	0	29	—	156
LUXOR	00	7	30	2	0	0	—	8.7	37.8	15	00	7	26	1	0	0	—	10.4	—	31.3	39	—	20	—	31	0	tr	—	157
ASWÂN	00	9	00	0	0	0	—	8.0	38.0	10	00	9	32	1	0	0	—	9.2	-1.1	29.8	38	-2	22	-2	17	0	8	—	158
WESTERN DESERT																													
SÎWA	00	8	00	0	0	0	—	15.8	32.0	43	00	7	08	1	0	0	—	17.0	+2.9	26.5	34	-1	18	+1	53	0	45	8	148
BAHARÎYA	00	9	00	0	0	0	—	12.7	34.0	40	00	9	00	0	0	0	—	14.0	+0.8	25.5	35	—	19	—	45	0	9	—	149
KHÂRGA	00	9	28	4	0	0	—	10.2	35.0	17	00	9	32	4	0	0	—	11.0	+0.3	28.7	35	-3	24	+2	32	0	10	—	151
DÂKHLA	00	9	32	5	0	0	—	12.2	34.0	16	00	8	00	0	0	0	—	11.5	-0.3	29.5	36	-2	22	+2	27	0	3	—	152
RED SEA																													
TÔR	00	7	28	1	0	0	—	9.5	27.9	79	00	7	28	1	0	0	—	9.5	-0.6	25.9	22	0	19	-2	86	0	5	13	145
HURGHÂDA	01	8	02	4	1	4	8	9.3	31.0	32																	17	—	146
QUṢEIR	00	8	32	3	0	0	—	8.6	29.4	63	00	8	32	3	0	0	—	8.7	-1.3	26.8	31	-1	—	—	68	0	20	—	147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WÂDI HALFA	01	8	26	4	0	3	4	7	37	08	00	7	00	0	0	0	—	10		26					17	0	6	—	165
KAREIMA	00	8	30	4	0	0	—	6	38	06	00	6	02	4	0	0	—	9		31					11	0	3	2	166
'ATBARA	00	7	32	3	0	0	—	3	40	08	00	8	32	3	0	0	—	6		31					10	0	13	6	167
KHARTÛM																										0	11	7	168
KASSALA	00	8	10	5	1	0	—	1	40	17	00	8	32	1	0	0	—	5		33					10	0	18	21	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	30	4	0	2	4	3	42	13	00	9	32	2	0	0	—	6		32					10	0	32	23	171
DUEIM																										0	4	24	173
RENK	01	9	04	3	1	4	8	5	38	21	00	9	20	3	0	0	—	9	—	29		—		—	52	—	—	81	182
ROSEIRES	00	7	18	2	0	0	—	6	36	24	00	8	28	2	0	0	—	10		29					66	0	61	100	172
EL OBEID	01	9	32	3	1	4	1	5	37	10	00	9	32	3	0	3	1	7		29					25	0	63	31	174
EL FÂSHER	01	9	04	3	1	4	4,2	—	37	24	00	9	02	1	0	2	1	—		27					33	0	17	13	175
GENEINA											02	8	00	0	1	8	2	—		24					32	—	—	23	179
KADUGLI	01	8	04	2	1	4	1	—	36	24	01	8	02	2	1	4	1	—		28					58	—	—	159	187
S. SUDAN																													
MALAKÂL											02	8	10	2	1	6	4,2	9		26					100	0	139	180	176
WÂU	02	8	00	0	1	6	8,4	7	34	41	02	8	08	1	1	5	4,5	10		24					84	9	295	338	177
JÛBA	11	8	00	0	1	8	7	11	31	55	02	8	16	1	1	7	4,2	13		25					84	1	433	430	178

UPPER WINDS ON 25th (الرياح العليا يوم ٢٥)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAÎD	HELWÂN	MINYA	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	7 h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.
								05 01 25	10 35 25			05 01 25	05 21 30	05 21 15
								10 01 25	15 33 25			10 01 20	10 29 15	16 23 20
								15 32 15	20 30 10			15 01 40	15 23 25	15 23 15
								20 31 15	25 26 20			35 04 45	20 33 30	20 21 20
								25 31 15	30 22 35			40 16 35	27 31 20	25 26 05
								35 02 45	40 25 35			50 14 15		35 31 10
								40 03 35						40 33 20

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 24th	Diff. from normal	Wet Bulb Temp °C on 24th	Diff. from normal
Alexandria	78	+7	20.3	+1.0
Ezbekîya	49	-2	20.7	+1.6
Gîza	57	+7	19.6	+0.8
Helwân	29	-9	17.6	+0.7

Gîza Grass minimum on 25th 12.5 °C

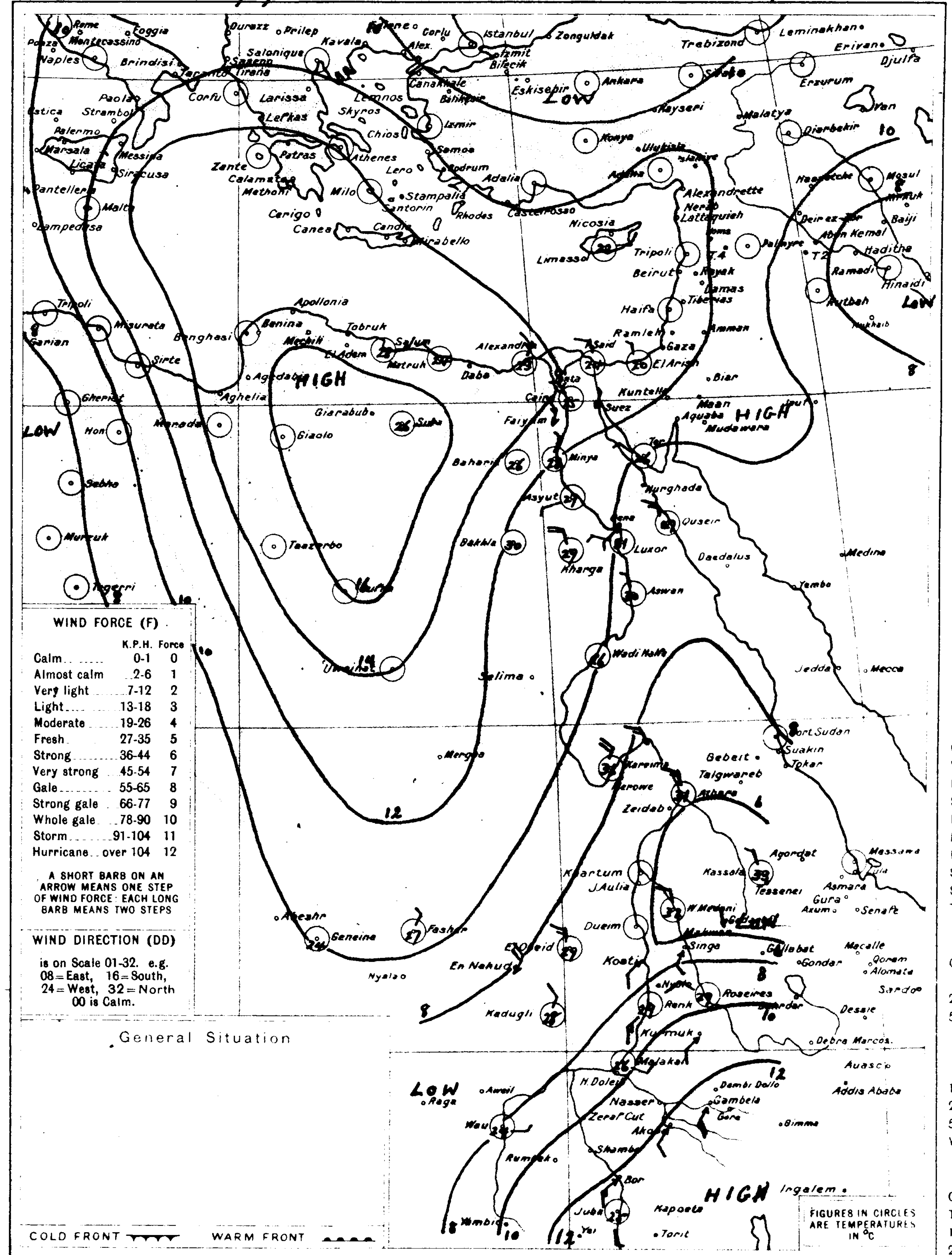
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
25-5	1042	1331
24-5	1042	1273

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba		12.50	-1.06	12.50	-1.07
Nâṣṣer		7.38	+0.76	7.28	+0.73
Malakâl		10.14	-0.18	10.08	-0.20
Roseires		14.18	+1.98	14.28	+2.12
Sennâr Res.		10.43	—	10.91	
J. Aulia U.S				370.57	—
J. Aulia D.S				370.55	-0.39
Khartûm		10.05	-0.23	9.77	-0.50
Kh. el Girba		11.20	+0.81	11.07	+0.71
'Atbara		9.95	-0.02	9.94	-0.02
Kajnarti		131.07	-0.89	131.06	-0.90
Aswân Res.		117.38	—	117.52	—
Aswân D.S.		85.40	-0.48	85.40	-0.46
Rôda (Cairo)		16.36	+0.89	16.47	+0.99

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥/٥/٢٥ Isobars, Wind and Temperature at 8 h. 25-5-1945



STATION (محطة)	At 8 h. on 25th (الساعة ٨ يوم ٢٥) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.
N. Hamadi	00	8	00	0	0	0	—	10.2	—	29.5	36	—	18	—	35	0	16	—
Limassol	04	5	08	2	4	8	0	13.0	+1.1	22	—	—	—	—	83	0	633	457
SHIPS (سفن)																		

Remarks

Water Temp. River Nile Cairo 25.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 25th الساعة ١٤ يوم ٢٥

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU
MEDITERRANEAN										
SALŪM	00	9	32	6	0	0	—	15.2	29.8	38
MATRŪH	00	9	30	2	0	0	—	14.2	25.2	79
DIKHEILA										
ALEXANDRIA	00	9	30	2	0	0	—	13.4	25.9	68
DAMIETTA	00	8	32	3	0	0	—	12.4	26.8	63
PORT SAĪD	00	8	02	3	0	0	—	12.2	27.0	66
EL 'ARĪSH	00	9	30	1	0	0	—	11.0	28.3	43
LOWER EGYPT										
DAMANHŪR	00	6	32	3	0	0	—	12.8	31.3	32
MANṢŪRA	00	8	02	2	0	0	—	11.8	35.2	30
TANTA	00	8	00	0	0	0	—	12.1	34.0	32
ZAGĀZIG	00	7	04	2	0	0	—	11.2	34.2	25
MIDDLE EGYPT										
CAIRO ALMĀZA	00	8	03	2	0	0	—	12.6	34.8	19
CAIRO EZBEKIYA	00	8	02	2	0	0	—	10.8	34.3	31
CAIRO GĪZA	00	8	02	4	0	0	—	11.1	35.3	20
HELWĀN	00	8	32	4	0	0	—	10.6	34.0	16
SUEZ	00	9	02	1	0	0	—	--	33.7	28
UPPER EGYPT										
FAIYŪM	00	8	32	4	0	0	—	10.2	35.5	16
MINYA										
ASYŪT	00	8	00	0	0	0	—	8.8	37.2	18
QENA	00	9	24	2	0	1	1	6.7	39.0	17
LUXOR	00	7	26	1	0	0	—	7.8	39.0	17
ASWĀN	00	9	16	1	0	0	—	6.4	39.0	11
WESTERN DESERT										
SIWA	00	8	00	0	0	0	—	14.6	35.8	24
BAHARĪYA	00	9	32	1	0	0	—	13.1	36.0	37
KHARGA	00	9	12	2	0	0	—	7.5	37.0	15
DAKHLA	00	9	28	2	0	0	—	9.5	36.0	25
RED SEA										
TÔR	00	7	28	1	0	0	—	—	31.2	77
HURGHĀDA										
QUSEIR	00	8	32	3	0	0	—	9.1	30.6	55
PORT SUDAN										
NORTH SUDAN										
WĀDI HALFA	00	8	28	1	0	0	—	6	38	06
KAREIMA	00	8	32	3	0	0	—	5	38	06
'ATBARA	00	8	32	2	0	0	—	3	40	04
KHARTŪM										
KASSALA	00	8	00	0	0	3	8	1	40	16
CENTRAL SUDAN										
WAD MEDANI										
DUEIM										
RENK										
ROSEIRES										
EL OBEID	00	9	32	3	0	3	4,1	5	37	37
EL FĀSHER	01	9	04	2	1	4	1	—	37	17
GENEINA	00	8	06	1	1	0	—	—	37	07
KADUGLI										
S. SUDAN										
MALAKĀL										
WĀU										
JŪBA										

At 8 h. on SATURDAY 26th الساعة ٨ يوم السبت ٢٦

STATION	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rain past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALŪM	00	9	32	4	0	0	—	13.0	—	27.9	32		19		52	0			130
MATRŪH	00	9	30	2	0	0	—	12.7	-1.1	23.4	26	+1	18	+1	88	0	111	160	131
DIKHEILA																			150
ALEXANDRIA	00	8	00	0	0	0	—	12.7	-1.0	24.3	28	+1	20	+1	81	0	260	185	132
DAMIETTA	00	7	30	1	0	0	—	11.6	—	25.6	28	—	20	—	74	0	110	105	159
PORT SAĪD	01	8	04	2	1	4	4	11.5	-0.9	23.9	30	+3	22	+3	86	0	107	79	134
EL 'ARĪSH	00	9	00	0	0	0	—	12.3	-0.7	20.4	28	+1	18	+3	52	0	318	93	135
DAMANHŪR	00	6	32	2	0	0	—	11.5	-2.0	26.0	33	+2	16	-1	66	0	169	101	136
MANṢŪRA	00	8	02	2	0	0	—	12.0	—	26.0	35	+3	18	+1	69	0	102	54	137
TANTA	00	8	00	0	0	0	—	11.5	-2.0	27.0	35	+2	16	0	55	0	96	43	138
ZAGĀZIG	00	7	32	2	0	0	—	10.2	-3.0	29.9	35	+2	17	+1	45	0	57	27	139
CAIRO ALMĀZA	00	7	04	2	0	0	—	12.4	—	26.3	36	—	20	—	61	0	70	—	141
CAIRO EZBEKIYA	05	6	32	2	0	0	—	10.7	-2.1	26.8	36	+2	19	+1	67	0	56	26	—
CAIRO GĪZA	05	7	30	3	0	0	—	11.0	-2.0	24.7	36	+3	17	+1	73	0	51	26	—
HELWĀN	05	6	30	4	0	0	—	10.0	-2.7	27.1	35	+2	20	+1	43	0	126	29	143
SUEZ	00	9	30	1	0	0	—	10.8	-1.4	30.1	36	+3	20	0	46	0	56	17	144
FAIYŪM	00	8	02	1	0	0	—	10.0	-2.7	29.0	36	+2	20	+2	36	0	109	8	153
MINYA	00	9	30	3	0	0	—	9.0	-2.9	26.6	38	+3	21	+3	47	0	1	—	154
ASYŪT	00	7	22	1	0	0	—	9.2	-2.5	28.0	39	+3	22	+2	41	0	29	4	155
QENA	00	7	16	2	0	0	—	8.0	-2.2	29.0	40	+1	24	+2	35	0	29	—	156
LUXOR	00	7	02	2	0	0	—	9.2	—	2[illegible].4	41	—	22	—	37	0	tr	—	157
ASWĀN	00	9	00	0	0	0	—	8.4	-1.8	29.0	39	-1	25	0	34	0	8	—	158
SIWA	00	7	00	0	0	0	—	13.1	-1.0	26.5	38	+3	20	+3	53	0	45	8	148
BAHARĪYA	00	9	00	0	0	0	—	11.4	-1.8	25.5	38	—	19	—	62	0	9	—	149
KHARGA	00	9	08	1	0	0	—	9.4	-1.3	29.8	38	0	24	+2	35	0	10	—	151
DAKHLA	00	8	16	1	0	0	—	10.0	-1.8	30.0	37	-1	24	+3	36	0	3	—	152
TÔR	00	7	28	1	0	2	1	8.8	-1.2	25.3	32	0	19	-3	91	0	5	13	145
HURGHĀDA																		—	146
QUSEIR	00	8	32	2	0	0	—	7 1	-2.9	30.0	32	0	—	—	42	0	20	—	147
PORT SUDAN																0	91	97	169
WĀDI HALFA	00	8	00	0	0	0	—	8		29					20	0	6	—	165
KAREIMA	00	8	32	3	0	0	—	9		27					15	0	3	2	166
'ATBARA	00	8	28	1	0	0	—	7		30					13	0	13	6	167
KHARTŪM																0	11	7	168
KASSALA	00	8	12	2	1	0	—	6		32					36	0	18	21	170
WAD MEDANI																0	32	23	171
DUEIM																0	4	24	173
RENK	00	9	16	3	0	0	—	—		29		—		—	59	—	—	83	182
ROSEIRES																0	61	102	172
EL OBEID	00	9	32	3	0	0	—	9		31					53	0	63	32	174
EL FĀSHER	00	9	28	1	0	0	—	—		25					32		17	14	175
GENEINA	00	8	00	0	0	0	—	—		23					41	—	—	24	179
KADUGLI	00	8	28	2	0	0	—	10		28					66	—	—	162	187
MALAKĀL	01	8	14	2	1	4	1	11		27					66	0	139	183	176
WĀU	02	8	18	1	1	6	4,2	9		24					74	0	295	343	177
JŪBA	02	8	16	3	1	7	4,2	13		23					84	9	442	435	178

UPPER WINDS ON 26th الرياح العليا يوم ٢٦

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALŪM	MATRŪH	DIKHEILA	PORT SAĪD	HELWĀN 8 h. 30 m.	MINYA	ASYŪT 7 h.	ASWĀN 7 h.	WĀDI HALFA 7 h.	KAREIMA	KHARTUM (El Fasher) 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKĀL 6 h.	JŪBA 7 h.
				02 01 20		02 33 10		10 02 50		10 06 20	10 13 10	10 36 20	10 28 30	16 17 30
				05 05 35		05 08 25	05 11 15	20 03 20		15 07 35	15 15 15	15 03 10	15 28 15	15 10 15
				08 07 60		10 09 15	10 05 35	35 18 20		20 06 20	20 15 15	20 04 05	20 02 15	20 09 25
				10 08 55		15 06 15	20 09 15	40 20 25		35 13 05	25 15 20	35 04 35	35 01 30	35 13 20
				15 09 55		20 03 15		45 21 40		40 34 15			40 06 35	40 13 20
				18 09 45		25 06 10		50 24 65		45 34 20			45 06 30	
						30 06 10				50 02 05			50 08 30	
										55 17 15				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 25th	Diff. from normal	Mean of day Wet bulb temp °C 25th	Diff. from normal
Alexandria	84	+13	21.2	+1.8
Ezbekiya	49	-2	20.9	+1.7
Gīza	52	+2	20.2	+1.3
Helwān	38	0	18.8	+1.8

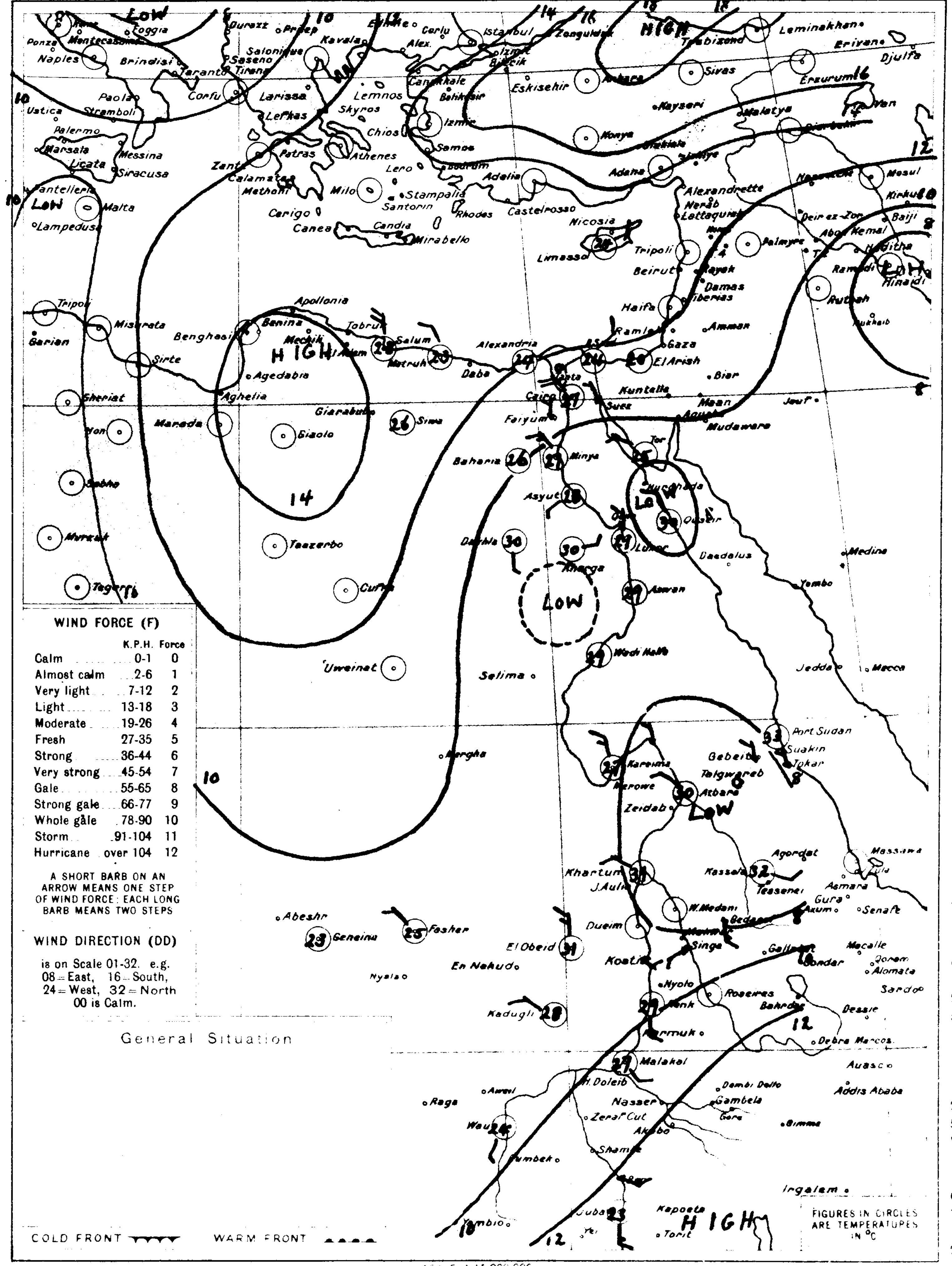
Gīza Grass minimum on 26th 14.3 °C

Discharges at Aswān measured by sluices m.³ per sec

DATE	1945	1944
26-5	1123	1389
25-5	1042	1331

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal
Jūba				12.50	-1.06
Nasser				7.38	+0.76
Malakāl		10.21	-0.15	10.14	-0.18
Roseires		14.40	+2.15	14.18	+1.98
Sennār Res.	5			10.43	—
J. Aulia U.S.	1				
J. Aulia D.S.					
Khartūm	26	10.38	+0.08	10.45	-0.23
Kh. el Girba				11.20	+0.81
'Atbara		10.03	+0.05	9.95	-0.02
Kajnarti		131.05	-0.90	131.07	-0.89
Aswān Res.		117.24	—	117.38	—
Aswān D.S.		85.53	-0.37	85.40	-0.48
Rōda (Cairo)		16.33	+0.86	16.36	+0.89

Isobars, Wind and Temperature at 8 h. 26-5-1945 ١٩٤٥/٥/٢٦



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

At 8 h. on 26th ٢٦

STATION محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rain past 24 hrs	Total from Oct 1	Normal from Oct 1
N. Hamadi	00	8	00	0	0	0	—	9.1	—	30.0	38	—	19	—	36	0	16	—
Limassol	00	9	06	2	0	0	—	11.8	-0.1	26	-	-	-	-	74	0	633	457

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

CAIRO
Time of Sunrise 04h 56m
Sunset 18h 48m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month MAY 1945 ١٩٤٥ شهر مايو

At 14 h. on 26th ٢٦ الساعة ١٤ يوم — At 8 h. on Sunday 27th ٢٧ الساعة ٨ يوم الأحد

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM	00	9	32	3	0	0	—	13.4	30.9	55																		—	130
MATRUH	00	9	32	1	0	0	—	11.8	26.0	84	40	2	28	1	4	9	—	12.0	-1.8	21.2	26	0	19	+2	100	0	111	160	131
DIKHEILA																												—	150
ALEXANDRIA	00	9	04	2	0	0	—	11.8	25.8	66	00	9	00	0	0	0	—	11.1	-2.6	25.8	29	+2	22	+3	70	0	260	185	132
DAMIETTA	00	8	02	3	0	0	—	11.2	28.9	58	00	7	30	1	1	3	6	10.4	—	28.0	29	—	21	—	60	0	110	105	159
PORT SAID	00	8	06	3	0	0	—	11.2	26.4	71	00	8	32	3	1	3	6	11.2	-1.2	25.4	28	+1	22	+3	84	0	107	79	134
EL ARISH	00	9	30	1	0	0	—	11.0	27.4	43	00	9	00	0	0	0	—	11.0	-2.0	20.3	28	+1	19	+3	52	0	318	93	135
LOWER EGYPT																													
DAMANHUR	00	6	04	3	0	0	—	11.2	33.0	32	00	6	04	3	0	0	—	11.0	-2.4	28.3	35	+4	19	+2	56	0	169	101	136
MANSURA	00	8	04	2	0	0	—	10.4	35.5	33	01	8	04	1	1	3	8	10.8	—	28.8	37	+5	20	+3	58	0	102	54	137
TANTA	00	8	32	3	0	0	—	9.5	36.8	29	01	8	00	0	1	4	4	10.7	-2.8	28.2	38	+5	21	+5	50	0	96	43	138
ZAGAZIG	00	7	32	2	0	0	—	10.0	35.9	30	00	7	24	2	0	1	1	10.7	-2.5	27.2	36	+3	19	+3	67	0	57	27	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	7	04	4	0	2	8	9.9	37.6	13	01	7	03	2	0	3	8,4	11.2	—	27.3	38	—	21	—	55	0	70	—	141
CAIRO EZBEKIYA	00	8	04	4	1	3	8	9.4	37.9	27	05	6	02	2	1	2	8	10.4	-2.4	28.2	38	+4	21	+3	61	0	56	26	—
CAIRO GIZA	01	8	04	3	1	3	8	9.0	37.4	16	05	5	30	2	1	3	8	10.3	-2.6	25.8	38	+4	19	+3	67	0	51	26	—
HELWAN	00	8	32	6	0	2	8	7.8	38.0	12	00	7	32	4	0	2	8	9.2	-3.5	29.3	39	+6	21	+2	31	dr	126	29	143
SUEZ	00	9	02	3	0	0	—	8.6	38.8	27	02	8	30	4	2	6	9	9.5	-2.7	29.0	42	+9	20	0	62	dr	56	17	144
UPPER EGYPT																													
FAIYUM	01	8	32	2	1	3	8	7.0	39.0	12	02	8	30	4	6	5	8	9.2	-3.4	28.8	40	+6	23	+5	41	1	110	8	153
MINYA											00	9	32	2	1	0	—	8.3	-3.6	28.9	40	+5	22	+3	42	0	1	—	154
ASYUT	01	8	00	0	1	3	8	6.7	38.5	15	00	7	26	1	0	0	—	8.2	-3.5	30.0	42	+6	24	+4	37	0	29	4	155
QENA	01	8	16	2	0	3	1	5.9	41.0	16	01	7	32	2	1	4	1	7.4	-2.7	30.0	42	+3	23	+1	25	0	29	—	156
LUXOR	00	7	18	2	0	0	—	6.0	41.5	14	00	7	30	2	0	0	—	7.9	—	33.0	42	—	22	—	27	0	tr	—	157
ASWAN	00	9	00	0	0	0	—	5.5	38.0	19	01	9	00	0	1	4	4	7.1	-3.1	30.6	41	+1	25	0	25	0	8		158
WESTERN DESERT																													
SIWA	00	8	32	2	0	0	—	12.6	36.5	36	00	7	00	0	0	0	—	12.6	-1.4	27.0	39	+3	20	+3	44	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	9.9	37.0	38	00	9	00	0	0	0	—	10.7	-2.5	29.0	39	—	18	—	52	0	9	—	149
KHARGA	00	9	00	0	0	0	—	7.6	39.3	11	00	9	00	0	0	0	—	8.4	-2.2	30.4	40	+2	22	0	30	0	10	—	151
DAKHLA	00	9	28	1	0	0	—	7.6	36.0	25	00	8	28	2	0	0	—	9.0	-2.8	30.0	39	+1	24	+3	36	0	3	—	152
RED SEA																													
TOR	00	7	28	1	0	0	—	8.3	31.2	76	00	7	00	0	0	0	—	7.4	-2.5	27.2	33	+1	23	+1	83	0	5	13	145
HURGHADA											00	9	26	2	0	0	—	—	—	31.4	36	+3	22	+1	37	0	17		146
QUSEIR	00	8	32	2	0	0	—	7.5	32.0	54	00	8	30	2	0	0	—	7.2	-2.7	30.0	33	+1	—	—	36	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WADI HALFA	00	8	32	2	0	0	—	5	39	06	00	8	30	1	0	1	4	8		29					18	0	6	—	165
KAREIMA	00	8	30	3	0	0	—	5	39	07	00	8	30	3	0	0	—	8		31					11	0	3	2	166
ATBARA	00	8	24	2	0	0	—	3	41	05	00	8	27	1	0	0	—	7		31.					17	0	13	6	167
KHARTUM																										0	11	7	168
KASSALA	00	8	20	3	0	0	—	2	41	17	00	8	16	1	1	0	—	7		33					34	0	18	22	170
CENTRAL SUDAN																													
WAD MEDANI	00	8	32	3	0	2	4	—	38	—																0	32	23	171
DUEIM																										0	4	25	173
RENK	00	9	20	3	0	0	—	5	37	27																		84	182
ROSEIRES	00	7	20	2	0	0	—	6	37	40	00	7	14	2	1	0	—	9		31					59	0	61	105	172
EL OBEID	00	9	04	2	0	0	—	4	38	11	00	9	32	2	0	2	1	8		29					20	0	63	32	174
EL FASHER	00	9	12	2	—	2	1	—	37	—	00	9	28	1	0	0	—	—		24					38	0	17	14	175
GENEINA											01	8	00	0	1	3	1	—		24					38			24	179
KADUGLI	00	8	12	2	1	3	2	6	37	20	00	8	08	2	0	3	1	9		28					58			165	187
S. SUDAN																													
MALAKAL	01	8	—	1	1	4	8,1	7	36	—	00	8	18	2	0	3	4,1	10		29					62	0	139	186	176
WAU	02	8	32	2	1	6	8,4,2	8	33	41																0	295	348	177
JUBA	02	8	00	0	1	5	8,2	9	32	55	01	8	18	2	1	4	4,2	12		26					84	0	442	440	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 27th الرياح العليا يوم ٢٧

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 15 m.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA	El Fasher 7 h.	KASSALA 7 h.	EL OBEID 6 h.	MALAKAL 7 h.	JUBA 7 h.
				02 04 05		02 33 05	02 01 10	10 01 35		10 20 10		10 02 40	10 20 30	10 14 10
				05 05 10		05 12 15	05 05 15	15 35 20		15 01 25		15 02 35	15 21 20	15 14 05
				08 06 40		10 10 25	10 05 15	20 34 10			20 11 10	20 04 10	20 21 05	20 13 05
				10 07 40		15 03 15	15 05 20	25 35 05			35 11 10	35 07 05	25 04 30	25 09 15
				15 09 30		20 06 10	20 08 25	30 19 10				40 13 15	40 06 05	35 09 30
				20 06 25		25 10 10	25 12 20					50 13 45		40 09 25
				23 07 25		30 17 10	30 15 15					55 12 20		
				25 07 20								60 06 15		
				30 11 10										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 26th	Diff. from normal	Wet Bulb Temp °C on 26th	Diff. from normal
Alexandria	81	+10	21.5	+2.0
Ezbekiya	54	+3	22.7	+3.4
Giza	52	+2	21.0	+2.0
Helwan	33	-5	19.7	+2.6

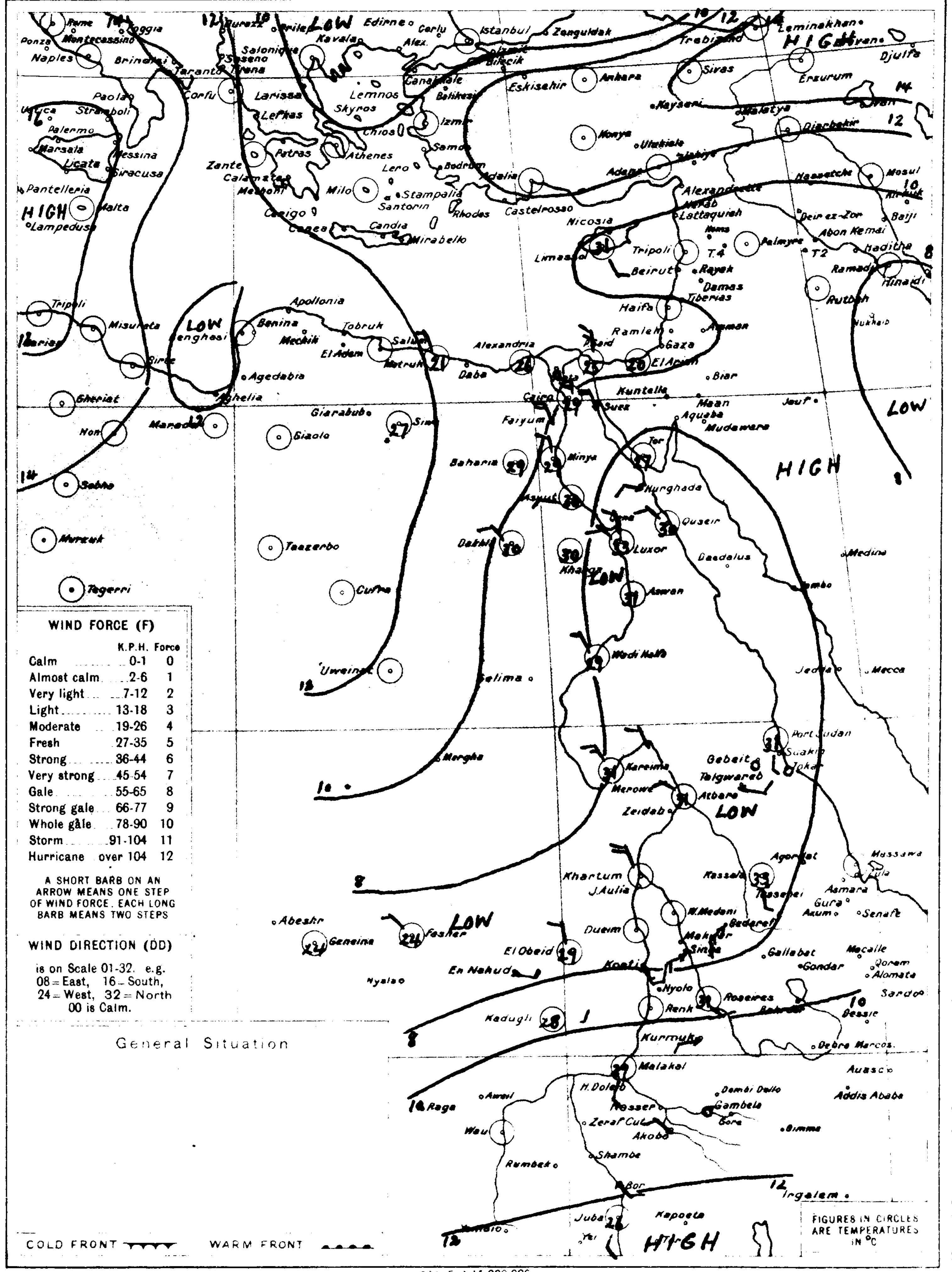
Giza Grass minimum on 27th 15.6 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1945	1944
27-5	1273	1387
26-5	1123	1389

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		—	—	13.94	+0.39
Nasser	5	—	—	7.44	+0.74
Malakai		10.26	-0.12	10.21	-0.15
Roseires		—	—	14.40	+2.15
Sennar Res				10.10	—
J. Aulia U.S				370.65	—
J. Aulia D.S				370.64	-0.32
Khartum				10.38	+0.08
Kh. el Girba					
Atbara				10.03	+0.05
Kajnarti				131.05	-0.90
Aswan Res.	27	117.06	—	117.24	—
Aswan D.S.		85.79	-0.18	85.53	-0.37
Roda (Cairo)		16.33	+0.86	16.33	+0.86

١٩٤٥-٥-٢٧ Isobars, Wind and Temperature at 8 h. 27.5.1945



STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C	Maximum Yesterday °C	Maximum Diff from norm °C	Minimum Today °C	Minimum Diff from norm °C	Humidity	Rainfall Past 24 hrs	Rainfall Total from Oct 1	Rainfall Normal from Oct 1
At 8 h. on 27th ٢٧ الساعة ٨ يوم																		
Nag Hamadi	00	8	00	0	0	0	—	7.6	—	31.2	40	—	21	—	36	0	16	—
Limassol	00	9	14	2	0	1	8,4	9.2	-2.6	31	—	—	—	—	59	0	633	457

SHIPS سفن

Remarks

Water Tempt. River Nile Cairo 25.7 C°.

HOURS ARE EGYPTIAN STANDARD TIME, LONG 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Snowers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO

Time of Sunrise h. m. 04 55

Sunset 18 49

Month *MAY* 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 27th ٢٧ الساعة ١٤ يوم — At 8 h. on MONDAY 28th الساعة ٨ الاثنين ٢٨

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	8h Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Rain Total from Oct 1 mms.	Rain Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM																													130
MATRUH	00	9	28	1	4	0	—	11.5	31.0	53	00	9	28	2	0	0	—	10.4	−3.4	25.4	32	+!	20	+3	71	0	111	160	131
DIKHEILA																													150
ALEXANDRIA	00	9	04	4	0	0	—	10.7	28.8	46	00	9	00	0	0	0	—	10.7	−3.0	24.6	31	+4	22	+3	82	0	260	185	132
DAMIETTA	01	8	30	2	1	4	6	9.9	30.9	50	00	8	28	1	0	0	—	9.4	—	28.2	32	—	21	—	65	0	110	105	159
PORT SAÎD	01	8	30	3	1	4	4	9.5	29.0	68	00	8	02	2	0	0	—	8.3	−4.1	26.1	30	+3	24	+5	78	0	107	79	134
EL 'ARÎSH	00	9	30	1	0	0	—	9.6	28.4	43	00	9	20	1	0	0	—	—	—	20.4	28	+1	18	+3	43	0	318	93	135
LOWER EGYPT																													
DAMANHÛR	00	6	04	3	0	0	—	10.2	30.0	19	00	6	28	3	0	0	—	9.4	−4.0	28.0	36	+5	19	+2	57	0	169	101	136
MANṢÛRA	01	8	04	1	1	3	8	9.5	37.5	27	00	8	04	1	0	0	—	9.8	—	28.2	38	+5	20	+3	55	0	102	54	137
TANTA	01	8	32	2	1	4	4	8.6	37.5	29	00	8	00	0	0	0	—	9.6	−3.8	28.8	38	+5	17	+1	47	0	96	43	138
ZAGÂZIG	00	7	02	2	1	3	8	10.2	38.1	29	00	7	12	2	0	0	—	9.9	−3.2	28.2	37	+4	18	+2	57	0	57	27	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	01	8	02	1	0	3	4	9.4	38.3	16	00	7	00	0	0	0	—	10.7		28.9	39	—	21	—	47	0	70	—	141
CAIRO EZBEKIYA	01	8	02	3	1	3	8	8.3	37.5	33	05	5	28	1	0	0	—	10.2	−2.5	28.5	39	+5	22	+4	55	0	56	26	—
CAIRO GÎZA	01	8	02	3	1	3	8	8.0	37.9	22	05	6	30	2	0	0	—	10.0	−2.9	25.7	38	+4	20	+4	63	0	51	26	—
HELWÂN	00	8	32	4	0	3	4	7.4	38.0	15	00	6	00	0	0	0	—	10.0	−2.6	26.2	39	+6	21	+2	51	0	126	29	143
SUEZ	01	9	02	2	1	4	8	7.0	37.5	29	00	9	30	2	0	0	—	9.6	−2.5	29.0	38	+5	20	0	62	0	56	17	144
UPPER EGYPT																													
FAIYÛM	01	8	02	3	1	4	6	7.0	38.7	15	00	8	32	3	0	0	—	9.6	−3.0	27.5	39	+5	21	+3	46	0	110	8	153
MINYA	00	9	32	3	0	0	—	6.4	39.9	17	00	9	32	3	0	0	—	8.7	−3.2	29.2	41	+6	24	+5	35	0	1	—	154
ASYÛT	00	8	20	1	0	0	—	6.2	40.0	13	00	7	24	1	0	0	—	8.2	−3.5	30.1	41	+5	24	+4	39	0	29	4	155
QENA	01	8	22	2	1	3	1	5.1	42.5	11	01	8	32	1	1	3	1	6.7	−3.3	33.0	44	+5	26	+4	32	0	29	—	156
LUXOR	02	7	22	2	2	5	1	5.6	42.0	14	00	7	06	1	0	0	—	7.4	—	32.0	45	—	22	—	28	0	tr	—	157
ASWÂN	01	9	30	2	1	4	1	4.8	42.0	09	00	9	02	2	0	0	—	5.9	−4.2	32.3	43	+3	27	+2	16	0	8		158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	12.6	38.5	22	00	7	08	2	0	0	—	11.9	−2.1	29.5	40	+4	22	+5	43	0	45	8	148
BAHARIYA	01	9	00	0	1	4	—	8.3	39.0	36	00	9	00	0	0	0	—	10.0	−3.2	29.5	41	—	23	—	37	0	9	—	149
KHARGA	00	9	00	0	0	0	—	7.1	41.5	15	00	9	32	1	0	0	—	7.2	−3.4	34.0	42	+4	27	+5	20	0	10		151
DÂKHLA	00	9	20	1	0	0	—	7.1	40.0	22	00	8	04	1	0	0	—	8.4	−3.4	33.7	42	+4	28	+7	31	0	3	—	152
RED SEA																													
TÔR											00	7	00	0	0	0	—	6.8	−3.1	26.9	37	+5	22	0	83	0	5	13	145
HURGHÂDA	01	8	10	2	1	4	—	—	33.5	47	01	8	30	4	1	4	8	9.8	−0.3	31.5	38	+5	24	+3	46	0	17		146
QUṢEIR	01	8	06	2	1	4	—	7.5	31.0	68	00	8	28	1	0	0	—	6.2	−3.7	30.0	33	+1	—	—	36	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WÂDI HALFA	00	8	00	0	0	0	—	5	41	07	00	9	00	0	0	0	—	7		31					19	0	6	—	165
KAREIMA	00	8	30	2	0	0	—	5	40	06	00	8	30	4	0	0	—	7		33					10	0	3	2	166
'ATBARA	01	8	28	2	1	5	4	3	41	10	00	8	32	3	1	3	4	5		32					13	0	13	6	167
KHARTÛM																										0	11	7	168
KASSALA	01	8	00	0	0	3	8	1	42	15	01	8	00	0	1	4	4	4		32					41	0	18	22	170
CENTRAL SUDAN																													
WAD MEDANI	01	8	32	4	1	4	8	2	42	06	00	9	32	5	0	3	3	4		34					09	0	32	24	171
DUEIM																										0	4	25	173
RENK	00	9	18	3	0	0	—	5	40	17	00	9	20	3	0	0	—	7		29					52			85	182
ROSEIRES	01	7	26	2	1	4	2	4	38	37	00	7	12	2	1	0	—	7		29					66	0	61	107	172
EL OBEID	01	9	02	3	1	4	4,1	5	38	11	00	9	32	3	0	2	1	8		30					38	0	63	33	174
EL FÂSHER	00	9	06	2	0	0	—	—	37	13	01	9	00	0	1	3	—	—		26					21	0	17	14	175
GENEINA	01	8	00	0	1	4	8	—	35	18	02	8	00	0	1	6	4,5	—		26					45			25	179
KADUGLI	01	8	04	2	0	4	4	6	37	20	00	8	28	2	0	1	1	8		27					58			168	187
S. SUDAN																													
MALAKÂL	10	8	12	5	1	5	8	6	35	35	01	8	20	1	1	3	4	8		26					79	0	139	189	176
WÂU	01	8	16	1	1	4	8	6	34	34	01	8	00	0	1	4	4	8		28					55	0	295	353	177
JÛBA											02	8	18	2	1	5	4	11		31					55	0	442	445	178

UPPER WINDS ON 28th الرياح العليا يوم ٢٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAÎD	HELWÂN	MINYA	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	EL FASHER	KASSALA	EL OBEID	MALAKÂL	JÛBA
h. m.	h. m.	h. m.	h. m.	8 h. 30 m.	h. m.	7 h. m.	7 h. m.	7 h. m.	7 h. 15 m.	7 h. m.	h. m.	7 h. m.	h. m.	7 h. 15 m.
				02 31 05		02 34 15	02 03 05	10 35 40	10 35 45	10 08 30		10 02 45		06 19 35
				05 03 25		05 05 35	05 01 20	15 35 30	15 35 30	15 07 40		15 01 40		10 20 33
				08 02 35		10 03 25	10 36 35	20 35 30	20 36 15	20 10 25		20 02 30		15 06 05
				10 03 30		15 06 15	15 06 10	25 35 30	25 21 15	25 12 15		25 10 15		20 07 15
				15 08 05		20 07 10	20 12 10	30 34 25	30 20 20	30 14 10		30 06 15		25 10 30
				19 05 15		25 06 15	25 12 05		40 20 25	40 16 05				30 09 30
						30 07 10			45 18 35					40 06 40
									50 17 40					45 06 45
									55 17 20					50 03 60
									60 20 30					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 27th	Diff. from normal	Wet Bulb Temp °C on 27th	Diff. from normal
Alexandria	72	+1	21.6	+2.0
Ezbekiya	46	−5	23.2	+3.8
Gîza	46	−4	21.7	+2.7
Helwân	25	−13	19.9	+2.7

Gîza Grass minimum on 28th 16.8 °C

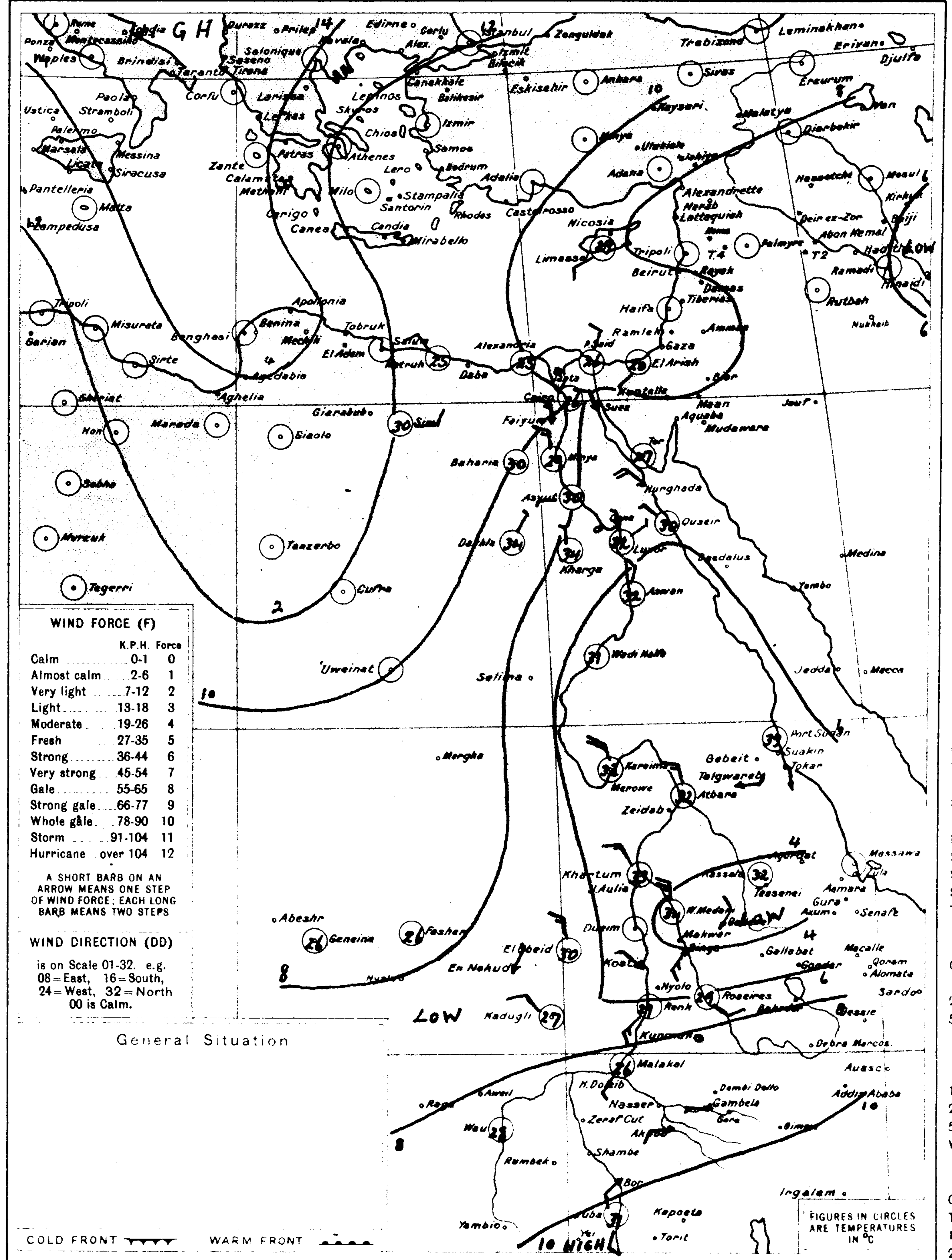
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
28.5	1273	1389
27.5	1273	1389

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	28-5				
Nâsser				7.52	+3.7
Malakâl		10.31	−0.10	10.26	−0.12
Roseires				13.52	+1.24
Sennâr Res.				9.21	—
J. Aulia U.S				370.73	
J. Aulia D.S				370.71	−0.26
Khartûm				10.48	+0.15
Kh. el Girba				11.10	+0.66
'Atbara				10.04	+0.04
Kajnarti				131.01	−0.94
Aswân Res.		116.66		117.06	
Aswân D.S.		85.79	−0.16	85.74	−0.10
Rôda (Cairo)		16.31	+0.85	16.33	+0.86

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٥-٢٨ Isobars, Wind and Temperature at 8 h. 28-5-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 28th الساعة ٨ يوم ٢٨

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	00	9	22	2	0	0	—	7.9	−3.7	29	—	—	—	—	48	0	633	458
Nag Hamadi	00	8	00	0	0	0	—	7.0	—	30.8	41	—	21	—	43	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 26.1 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 04 h 55 m
Sunset 18 h 49 m

Month MAY 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 28th — الساعة ١٤ يوم ٢٨ ; At 8 h. on TUESDAY 29th — الساعة ٨ الثلاثاء ٢٩

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALÛM																												—	130
MATRÛH	00	9	28	2	0	0	—	12.6	26.0	85																		160	131
DIKHEILA																													150
ALEXANDRIA	00	9	04	2	0	0	—	11.4	28.2	57	00	9	00	0	0	0	—	11.4	-2.3	24.3	30	+3	22	+3	83	0	260	185	132
DAMIETTA	00	8	30	3	0	0	—	9.2	29.3	39	00	7	20	1	0	0	—	9.8	—	26.7	31	—	19	—	72	0	110	105	159
PORT SAÎD	00	8	28	3	0	0	—	9.1	29.0	67	00	8	26	3	0	0	—	10.3	-2.1	26.0	30	+2	21	+2	73	0	107	79	134
EL 'ARÎSH	00	9	30	1	0	0	—	—	28.4	42	00	9	30	1	0	0	—	10.8	-2.1	20.4	29	+2	18	+3	49	0	318	93	135
LOWER EGYPT																													
DAMANHÛR	00	6	32	3	0	0	—	11.5	33.0	28	00	6	04	3	0	0	—	10.7	-2.6	26.7	35	+4	18	+1	68	0	169	101	136
MANṢURA	00	8	02	1	0	0	—	8.7	38.0	29	00	8	32	1	0	0	—	10.4	—	27.0	40	+7	18	+1	63	0	102	54	137
TANTA	00	8	32	4	0	0	—	8.6	37.0	24	00	8	00	0	0	0	—	10.7	-2.6	26.5	38	+5	15	-1	64	0	96	43	138
ZAGÂZIG	00	7	04	2	0	0	—	8.7	38.0	23	00	7	24	2	0	0	—	10.4	-2.7	28.4	38	+5	17	+1	56	0	57	27	139
MIDDLE EGYPT — CAIRO																													
ALMÂZA	00	8	02	1	0	0	—	9.9	38.1	16	00	7	06	1	0	0	—	11.9		26.2	40	—	21	—	56	0	70	—	141
EZBEKIYA	05	7	28	2	0	1	8	8.6	37.8	31	05	6	02	1	0	0	—	10.7	-2.0	28.0	39	+5	21	+3	55	0	56	26	
GIZA	05	7	30	1	0	2	8	8.3	38.4	17	05	6	02	2	0	0	—	10.8	-2.0	25.0	39	+5	20	+4	62	0	51	26	
HELWAN	00	7	28	5	0	0	—	7.4	37.7	13	00	7	00	0	0	0	—	10.4	-2.2	26.3	39	+5	22	+3	46	0	126	29	143
SUEZ											00	9	02	2	0	0	—	10.2	-1.9	30.0	38	+5	22	+2	63	0	56	17	144
UPPER EGYPT																													
FAIYÛM	00	8	30	2	0	1	8	7.0	39.0	12	00	8	32	3	0	0	—	10.3	-2.3	27.3	39	+5	22	+4	37	0	110	8	153
MINYA	00	9	32	3	0	0	—	7.5	38.6	18	00	9	32	3	0	0	—	9.0	-2.8	26.8	41	+6	23	+4	35	0	1	—	154
ASYUT	01	8	22	1	1	3	8	5.8	41.0	15	00	7	22	1	0	0	—	8.4	-3.2	29.1	42	+6	22	+2	38	0	29	4	155
QENA	01	9	16	1	1	3	1	5.0	43.4	11	01	7	28	2	1	4	3	5.9	-4.1	30.0	45	+6	25	+3	36	0	29	—	156
LUXOR	00	7	30	1	0	0	—	4.4	43.0	14	00	7	26	2	0	0	—	6.4	—	33.3	45	—	25	—	29	0	24	—	157
ASWAN	01	9	00	0	1	3	1	2.6	43.0	11	01	9	32	2	1	4	1	4.7	-5.3	32.5	44	+4	27	+2	18	0	8	—	158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	11.6	40.8	—	00	7	00	0	0	0	—	12.7	-1.3	28.5	41	+5	20	+2	43	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	11.2	36.5	34	00	9	00	0	0	0	—	8.2	-4.9	26.5	38	—	19?	—	53	0	9	—	149
KHARGA	00	9	00	0	0	0	—	5.6	41.8	15	00	8	32	3	0	0	—	7.6	-2.9	33.8	42	+3	29	+7	25	0	10	—	151
DAKHLA	00	9	28	2	0	0	—	6.6	39.0	24	00	8	32	2	0	0	—	9.0	-2.7	33.0	41	+2	28	+7	34	0	3	—	152
RED SEA																													
TÔR	00	7	28	2	0	0	—	6.0	30.9	71	00	7	28	1	0	0	—	5.2	-4.6	27.2	34	+2	24	+2	83	0	5	13	145
HURGHADA	00	9	02	2	0	0	—	—	35.5	31	01	8	30	5	1	4	1	8.6	-1.5	32.0	36	+3	24	+2	24	0	17	—	146
QUṢEIR	00	8	32	2	0	0	—	6.3	32.0	57	00	8	32	2	0	0	—	5.0	-4.8	29.8	34	+2	—	—	62	0	20	—	147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WADI HALFA	01	8	02	4	1	4	2	3	42	09	00	8	30	2	0	2	4	5		31					24	0	6	—	165
KAREIMA	00	8	30	3	0	2	2	3	41	05	00	8	30	4	1	3	4	5		32					10	0	3	2	166
'ATBARA	00	8	28	3	0	0	—	1	42	06	01	8	30	2	1	3	4,1	2		35					10	0	13	6	167
KHARTÛM																										0	11	7	168
KASSALA	01	8	16	1	0	3	8	0	42	15	01	8	12	2	1	5	4,5	3		33					24	0	18	23	170
CENTRAL SUDAN																													
WAD MEDANI	02	8	02	4	0	5	4	99	42	06	02	9	32	5	1	5	6	3		34					05	0	32	24	171
DUEIM																										0	4	26	173
RENK	00	9	28	3	0	0	—	1	40	08																—	—	87	182
ROSEIRES	00	7	18	2	0	0	—	3	39	34	02	8	18	2	2	6	—	6		—					—	0	61	109	172
EL OBEID	00	9	14	3	0	2	4	2	40	28	01	9	12	2	0	4	4	5		29					19	0	63	33	174
EL FASHER	01	9	12	2	1	4	4	—	37	17	00	8	24	1	1	1	1	—		25					30	0	17	15	175
GENEINA	01	9	20	1	1	4	8	—	36	17																—	—	26	179
KADUGLI	01	9	04	2	1	4	2	4	37	17																—	—	171	187
S. SUDAN																													
MALAKÂL	01	8	28	1	1	3	8	3	37	27																0	139	192	176
WAU	01	8	00	0	1	5	8,4	5	31	55	02	8	22	2	1	6	—	5		23					—	6	301	358	177
JUBA	02	8	20	2	1	6	8,5,2	7	32	63	11	8	08	1	6	8	6,4	13		23					—	tr.	442	450	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 29th — ٢٩ رياح عليا يوم

SALÛM h m	MATRÛH h m	DIKHEILA h m	PORT SAÏD h m	HELWÂN 8h 15m	MINYA h m	ASYUT 7h m	ASWÂN 7h m	WÂDI HALFA 7h m	KAREIMA 7h m	FASHER 7h m	KASSALA 7h m	EL OBEID h m	MALAKÂL 7h m	JÛBA 7h m
				02 32 05		02 33 20	02 01 10	05 02 35	05 33 45	10 35 15	05 36 10		05 25 20	05 20 30
				05 03 40		05 02 45	05 07 30	10 02 40	10 35 40	15 04 40	10 01 10		10 20 40	10 21 30
				08 02 35		10 02 45	10 03 25	15 01 30	15 01 55	20 05 30	15 04 15		15 20 35	15 21 45
				10 01 25		15 01 35	15 17 10	20 36 05	20 33 15	27 05 15	20 05 25		20 25 15	18 22 35
				15 03 25		20 01 25	20 18 15	35 19 65	25 26 25	35 11 05	25 05 40		27 33 15	27 22 35
				20 05 20		25 34 15	25 18 20		30 26 25	40 29 10			35 36 35	35 20 35
				23 03 15		30 27 20	30 17 30						40 03 40	40 21 25
				25 02 15									50 09 40	50 10 15
				30 35 30										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 28th	Diff. from normal	Wet Bulb Temp °C on 28th	Diff. from normal
Alexandria	73	+2	21.7	+2.0
Ezbekiya	42	-9	22.0	+2.6
Gîza	43	-7	20.6	+1.5
Helwân	29	-10	18.8	+1.6

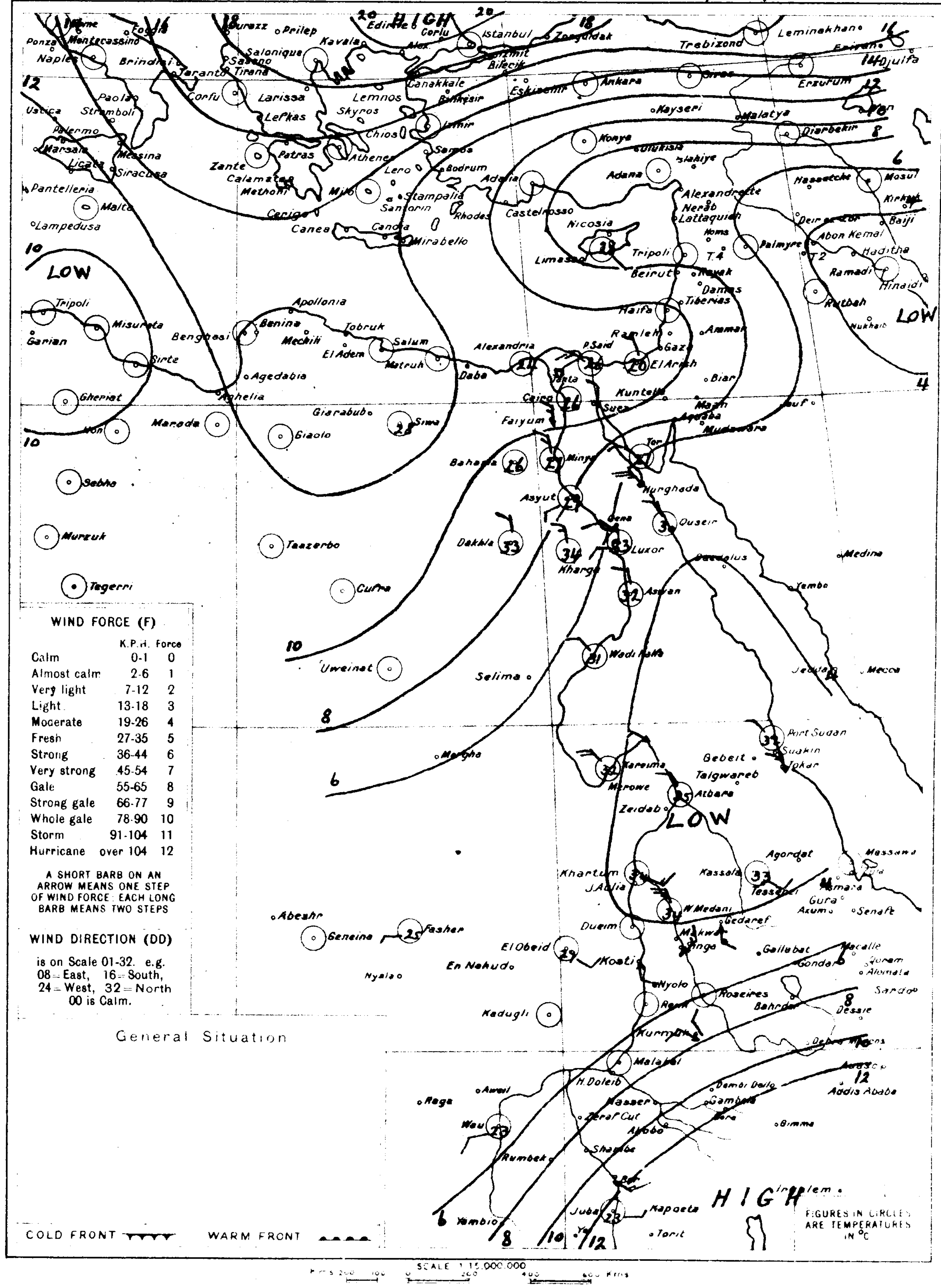
Gîza Grass minimum on 29th 15.0 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
29-5	1273	1389
28-5	1273	1389

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	5				
Nâsser				7.59	+0.71
Malakâl		10.35	-0.08	10.31	-0.10
Roseires		12.62	+0.28	12.92	+0.59
Sennâr Res.				8.75	—
J. Aulia U.S				370.76	—
J. Aulia D.S				370.74	-0.25
Khartûm				10.44	+0.07
Kh. el Girba					
Atbara		10.32	+0.28	10.15	+0.12
Kajnarti	29			130.95	-1.00
Aswân Res.		116.66	—	116.86	—
Aswân D.S.		85.80	-0.17	85.79	-0.16
Rôda (Cairo)		16.31	+0.85	16.31	+0.85

١٩٤٥ - ٥ - ٢٩ Isobars, Wind and Temperature at 8 h. 29.5.1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

At 8 h. on 29th — الساعة ٨ يوم ٢٩

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Nag Hamadi	00	8	00	0	0	0	—	6.6	—	31.2	42	—	22	—	41	0	16	—
Limassol	00	9	12	1	0	0	—	7.2	-4.4	28	—	—	—	—	55	0	633	458
SHIPS سفن																		

Remarks

Water Tempt River Nile Cairo 25.5°C

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO

Time of Sunrise 04 h. 54 m.

Sunset 18 50

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month MAY, 1945 — ١٩٤٥ — شهر مايو

١٩٤٥ - ٥ - ٣٠ Isobars, Wind and Temperature at 8 h. 30 - 5 - 1945

At 14 h. on 29th — الساعة ١٤ يوم ٢٩

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ m.b.s. PPP	TEMP. °C TTT	HUMIDITY % UU	STATION NUMBER
MEDITERRANEAN: SALUM	00	9	32	3	0	0	—	11.8	27.2	83	130
MATRUH	00	9	28	3	0	0	—	12.3	25.0	90	131
DIKHEILA											150
ALEXANDRIA	00	9	28	3	0	0	—	11.2	26.6	71	132
DAMIETTA	00	8	28	2	0	0	—	9.5	28.4	56	159
PORT SAID	00	8	30	4	0	0	—	9.6	28.9	64	134
EL 'ARISH	00	9	30	1	0	0	—	9.5	28.4	39	135
LOWER EGYPT: DAMANHUR	00	6	32	3	0	0	—	10.7	32.0	32	136
MANSURA	00	8	28	2	0	0	—	9.0	36.0	25	00 8
TANTA	00	8	00	0	0	0	—	8.8	35.7	22	00 8
ZAGAZIG	00	7	24	2	0	0	—	8.6	37.0	21	00 7
MIDDLE EGYPT, CAIRO: ALMAZA	00	8	30	2	0	0	—	9.5	36.3	20	00 7
EZBEKIYA	00	7	30	2	0	0	—	9.1	36.2	31	05 6
GIZA	00	8	30	2	0	0	—	8.8	37.2	16	00 6
HELWAN	00	7	28	4	0	0	—	8.0	36.5	12	00 7
SUEZ	00	9	02	2	0	0	—	7.9	37.3	25	00 9
UPPER EGYPT: FAIYUM	00	8	32	3	0	0	—	10.6	37.8	11	00 8
MINYA	00	9	32	2	0	0	—	8.4	38.4	13	00 9
ASYUT	00	8	28	2	0	0	—	6.2	40.0	12	00 7
QENA	01	9	28	1	3	1		3.4	44.6	15	00 7
LUXOR	00	7	06	2	0	0	—	3.8	44.8	13	00 7
ASWAN	01	9	32	1	4	1		2.8	43.0	14	02 9
WESTERN DESERT: SIWA	00	8	28	2	0	0	—	12.4	37.5	21	00 7
BAHARIYA	00	9	32	1	0	0	—	9.2	38.0	40	00 9
KHARGA	00	9	32	3	0	0	—	6.2	40.8	17	00 9
DAKHLA	00	9	28	2	0	0	—	6.2	39.0	24	00 8
RED SEA: TOR	00	7	28	2	0	0	—	5.5	31.1	77	00 7
HURGHADA	01	8	02	4	1	4	8	—	33.3	42	00 9
QUSEIR	00	8	32	3	0	0	—	5.6	32.7	61	00 8
PORT SUDAN											
NORTH SUDAN: WADI HALFA	00	8	30	3	1	2	4,4	2	43	05	01 8
KAREIMA	01	8	28	3	0	3	4	2	42	06	02 8
ATBARA	01	8	28	2	1	4	4	1	43	11	01 8
KHARTUM											
KASSALA	01	8	18	3	1	3	8,4	99	42	12	01 8
CENTRAL SUDAN: WAD MEDANI	02	8	32	2	1	5	6	99	43	07	01 9
DUEIM											
RENK	01	9	20	3	1	5	8	3	37	27	
ROSEIRES	02	7	14	2	1	6	4	1	37	48	03 7
EL OBEID	02	9	00	0	1	7	4,1	2	39	12	02 8
EL FASHER	02	9	08	1	1	5	4,2	—	38	11	02 9
GENEINA	02	8	00	0	1	6	2	—	36	44	
KADUGLI	02	8	20	3	1	5	2	8	27	66	02 8
S. SUDAN: MALAKAL	10	7	20	4	1	7	4,4	6	34	41	02 8
WAU	02	8	20	2	1	5	4,2	10	31	49	02 8
JUBA	62	7	16	3	9	8	7	12	27	70	02 9

At 8 h. on WEDNESDAY 30th — الأربعاء ٣٠ — الساعة ٨ يوم

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ m.b.s. PPP	BAR. PRESSURE Diff. from normal m.b.s.	TEMP. Dry Bulb °C TTT	MAX. Yesterday °C MM	MAX. Diff. from norm. °C	MIN. Today °C mm	MIN. Diff. from norm. °C	HUMIDITY % UU	RAINFALL Past 24 hrs mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms	STATION NUMBER
MEDITERRANEAN: SALUM	00	9	32	1	0	0	—	13.1	—	29.1	32	—	20	—	57	0	—	—	130
MATRUH	00	9	28	2	0	0	—	12.8	-0.9	24.0	26	0	18	+1	91	0	111	160	131
DIKHEILA																			150
ALEXANDRIA	00	9	30	2	0	0	—	11.9	-1.8	24.0	28	+1	22	+3	75	0	260	185	132
DAMIETTA	00	8	26	3	0	0	—	10.4	—	25.3	30	—	18	—	74	0	110	105	159
PORT SAID	00	8	22	2	0	1	1	10.6	-1.7	23.9	30	+2	22	+3	79	0	107	79	134
EL 'ARISH	00	9	20	1	0	0	—	—	—	20.5	29	+1	19	+4	58	0	318	93	135
LOWER EGYPT: DAMANHUR	00	6	20	3	0	0	—	11.2	-2.1	26.2	33	+2	18	+1	62	0	169	101	136
MANSURA	00	8	20	2	0	0	—	11.1	—	26.8	37	+4	20	+3	57	0	102	54	137
TANTA	00	8	00	0	0	0	—	11.1	-2.2	26.7	37	+4	16	0	51	0	96	43	138
ZAGAZIG	00	7	20	2	0	0	—	11.5	-1.5	26.4	37	+4	18	+2	65	0	57	27	139
MIDDLE EGYPT, CAIRO: ALMAZA	00	7	32	1	0	0	—	12.4	—	25.0	38	—	21	—	62	0	70	—	141
EZBEKIYA	05	6	28	2	0	0	—	11.9	-0.7	25.8	38	+4	21	+3	65	0	56	26	—
GIZA	00	6	00	0	0	0	—	11.8	-1.0	24.0	38	+4	19	+3	67	0	51	26	—
HELWAN	00	7	30	3	0	0	—	11.6	-0.9	24.5	37	+3	19	0	53	0	126	29	143
SUEZ	00	9	02	2	0	0	—	11.5	-0.5	27.8	38	+5	20	0	58	0	56	17	144
UPPER EGYPT: FAIYUM	00	8	32	3	0	0	—	11.6	-1.0	25.7	39	+5	20	+2	50	0	110	8	153
MINYA	00	9	32	3	0	0	—	10.8	-0.9	27.5	40	+5	22	+3	34	0	1	—	154
ASYUT	00	7	00	0	0	0	—	10.0	-1.6	28.1	41	+5	22	+2	39	0	29	4	155
QENA	00	7	22	2	0	0	—	7.0	-3.0	30.4	46	+6	25	+3	30	0	29	—	156
LUXOR	00	7	14	1	0	0	—	7.9	—	34.9	46	—	24	—	22	0	6	—	157
ASWAN	02	9	30	3	1	5	1	5.8	-4.2	32.5	44	+4	29	+4	18	0	8	—	158
WESTERN DESERT: SIWA	00	7	08	3	0	0	—	13.4	-0.6	27.7	40	+4	21	+3	57	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	13.2	+0.1	23.4	41	—	19	—	80	0	9	—	149
KHARGA	00	9	32	4	0	0	—	9.5	-1.0	31.8	41	+2	28	+6	26	0	10	—	151
DAKHLA	00	8	24	2	0	0	—	10.6	-1.1	31.0	40	+1	26	+5	32	0	3	—	152
RED SEA: TOR	00	7	28	1	0	0	—	6.8	-3.0	26.4	34	+2	24	+2	82	0	5	13	145
HURGHADA	00	9	30	5	0	0	—	7.6	-2.4	30.0	36	+3	21	-1	47	0	17	—	146
QUSEIR	00	8	32	2	0	0	—	5.9	-3.8	31.0	34	+2	—	—	56	0	20	—	147
PORT SUDAN																0	91	97	169
NORTH SUDAN: WADI HALFA	00	8	30	3	1	4	4,2	7		32					17	0	6	—	165
KAREIMA	01	8	30	1	1	5	4	4		32					13	0	3	2	166
ATBARA	01	8	32	2	1	3	4	4		36					10	0	13	6	167
KHARTUM																0	11	7	168
KASSALA	01	8	16	5	1	5	4,1	7		33					36	0	18	23	170
CENTRAL SUDAN: WAD MEDANI	01	9	16	6	1	5	6	9		31					41	0	32	24	171
DUEIM																0	4	26	173
RENK															—	—	88	182	
ROSEIRES	03	7	14	2	6	8	5	13		22					83	17	78	111	172
EL OBEID	02	8	18	3	1	5	4,1	11		25					79	0	63	34	174
EL FASHER	02	9	20	1	1	5	4,5	—		28					74	0	17	15	175
GENEINA															—	—	—	27	179
KADUGLI	02	8	22	2	1	5	2	9		28					58	—	—	174	187
S. SUDAN: MALAKAL	02	8	18	2	1	6	4,1	11		27					66	0	139	195	176
WAU	02	8	18	3	1	5	4,1	11		25					79	0	301	363	177
JUBA	02	9	18	1	1	6	4,2	15		22					94	16	458	455	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 30th — الرياح العليا يوم ٣٠

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	FASHER	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	8 h. 15 m.	h m	7 h. m.	7 h. m.	7 h. m.	h m	7 h. m.	7 h. m.	h. m.	7 h. m.	7 h. m.
				02 36 15		02 33 20	02 35 20	10 01 70		10 04 15	10 02 55		05 19 15	10 22 20
				05 36 35		05 36 50	05 01 45	15 02 40		20 05 20	15 04 40		10 23 35	15 23 10
				06 36 40		10 34 45	10 36 25	20 12 35		35 02 15	20 03 30		15 23 20	20 16 05
				10 36 45		15 32 20	15 20 05	35 21 55		40 02 15			20 26 05	35 07 30
				15 36 40		20 29 20	20 17 20	40 20 45					35 02 40	40 07 35
				20 36 45		25 20 20	25 17 20	50 21 40					40 05 55	
						30 22 35							50 07 35	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

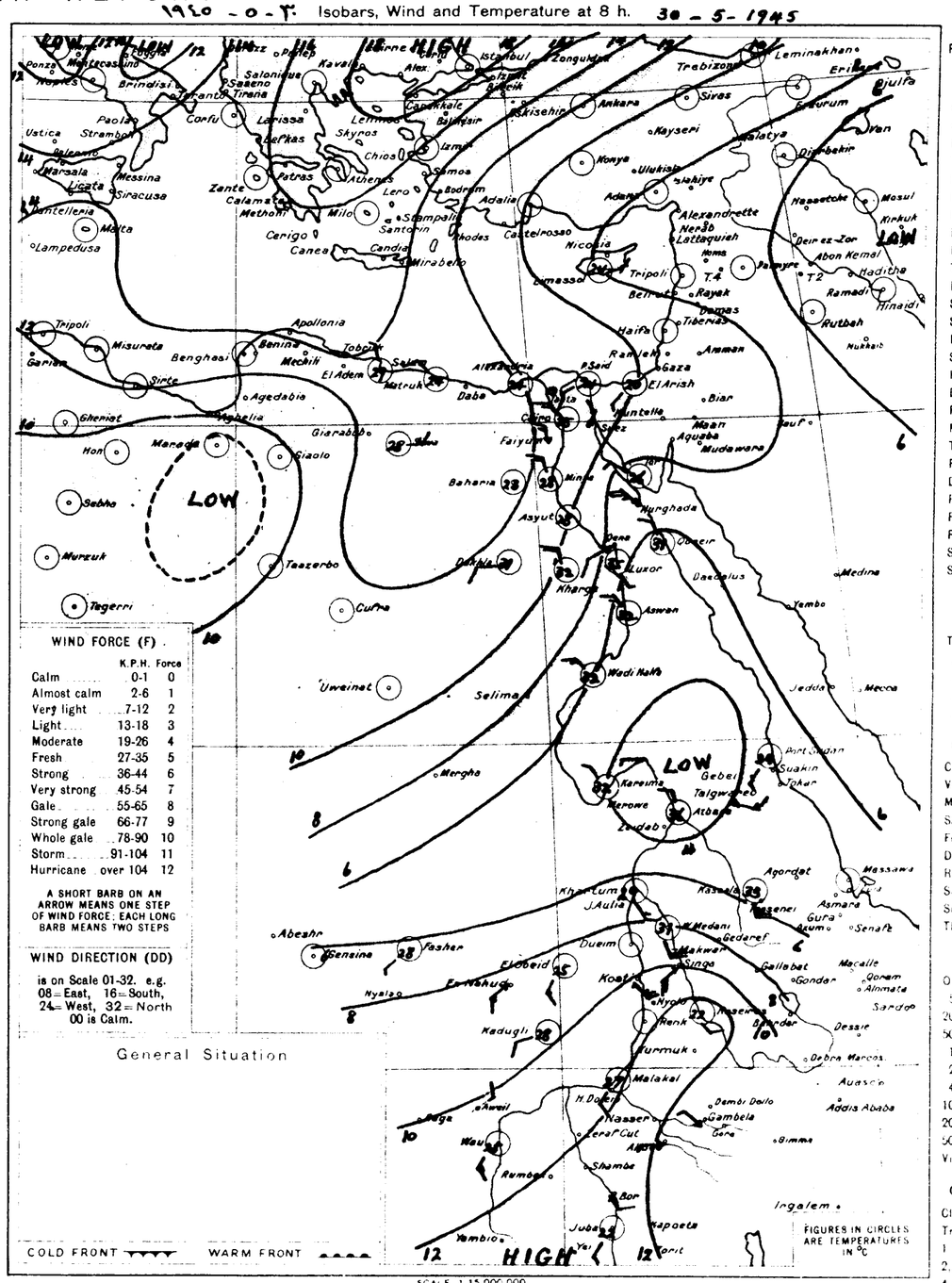
STATION	Mean of day HUMIDITY % on 29th	Diff. from normal	WET BULB TEMP °C on 29th	Diff. from normal
Alexandria	81	+10	21.9	+2.2
Ezbekiya	46	-5	21.8	+2.3
Giza	48	-2	20.3	+1.1
Helwan	36	-3	19.0	+1.7

Giza Grass minimum on 30th 14.9 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
30-5	1273	1389
29-5	1273	1389

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				12.50	-1.02
Nasser				7.62	+0.69
Malakal		10.39	-0.07	10.35	-0.08
Roseires				12.62	+0.28
Sennar Res	5			8.03	—
J. Aulia U.S	1			370.76	—
J. Aulia D.S				370.75	-0.26
Khartum	30			10.44	+0.05
Kh. el Girba				11.70	+0.64
Atbara		10.45	+0.39	10.32	+0.28
Kajnarti					
Aswan Res.		116.44	—	116.66	—
Aswan D.S.		85.80	-0.19	85.80	-0.17
Roda (Cairo)		16.31	+0.85	16.31	+0.85



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

At 8 h. on 30th — الساعة ٨ يوم ٣٠

STATION رصد	PRESENT WEATHER ww	VISIBILITY V	WIND Dir DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ m.b.s. PPP	BAR PRESSURE Diff. from normal m.b.s.	TEMP. Dry Bulb °C TTT	MAX. Yesterday °C MM	MAX. Diff. from norm. °C	MIN. Today °C mm	MIN. Diff. from norm. °C	HUMIDITY % UU	RAINFALL Past 24 hrs mms	RAINFALL Total from Oct 1 mms	RAINFALL Normal from Oct 1 mms
W. Hamadi	00	8	26	1	0	0	—	9.2	—	29.8	41	—	24	—	37	0	16	—
Limassol	05	7	06	2	0	2	4,4	8.2	-3.3	24	—	—	—	—	69	0	633	458
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 25.7 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h 54 m
Sunset 18 h 51 m

Month MAY, 1945 ١٩٤٥ شهر مايو

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 30th الساعة ١٤ يوم ٣٠ — At 8 h. on THURSDAY 31st الساعة ٨ يوم الخميس ٣١

Station	14h Present weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU
SALÛM	00	9	04	1	0	0	—	13.2	28.7	55
MATRÛH	00	9	28	2	0	0	—	13.4	25.8	82
DIKHEILA										
ALEXANDRIA	00	9	02	4	0	0	—	12.2	26.7	58
DAMIETTA	00	8	28	4	0	0	—	10.2	25.6	75
PORT SAÎD	00	8	26	5	0	0	—	10.0	28.0	65
EL 'ARÎSH	00	9	30	2	0	0	—	9.5	29.4	45
DAMANHÛR	00	6	28	3	0	0	—	11.2	30.3	37
MANŞÛRA	00	8	28	2	0	0	—	10.4	31.5	29
TANTA	00	8	24	3	0	0	—	10.3	31.5	30
ZAGÂZIG	00	7	24	2	0	0	—	9.9	33.0	30
CAIRO ALMÂZA	00	8	30	3	0	0	—	11.0	34.1	19
CAIRO EZBEKIYA	05	7	30	3	0	0	—	9.6	34.1	23
CAIRO GÎZA	00	8	30	2	0	0	—	9.6	35.1	15
HELWÂN	00	7	28	5	0	0	—	9.8	33.9	16
SUEZ										
FAIYÛM	00	8	32	4	0	0	—	10.0	34.8	16
MINYA	00	9	32	3	0	0	—	10.2	36.3	16
ASYÛT	00	8	30	2	0	0	—	8.0	37.1	18
QENA	00	9	26	3	0	0	—	4.3	42.0	12
LUXOR	00	7	30	2	0	0	—	5.5	43.0	15
ASWÂN	01	9	32	2	1	4	1	4.0	43.4	12
SÎWA	00	8	00	0	0	0	—	13.4	37.5	62
BAHARÎYA	00	9	32	1	0	0	—	11.5	35.0	15
KHÂRGA	00	8	32	4	0	0	—	8.2	38.1	12
DÂKHLA	00	9	32	2	0	0	—	9.6	37.0	26
TÔR	00	7	28	2	0	0	—	6.4	37.5	52
HURGHÂDA	00	9	30	6	0	0	—	7.0	34.0	27
QUSEIR	00	8	32	3	0	0	—	4.4	33.0	50
PORT SUDAN										
WÂDI HALFA	01	7	28	3	1	3	4	3	43	07
KAREIMA	01	8	00	0	1	5	4,1	2	44	11
'ATBARA	02	8	22	3	1	5	4,2	0	43	07
KHARTÛM										
KASSALA	01	8	18	3	1	5	1	3	38	25
WAD MEDANI	01	8	16	4	1	5	3	4	39	16
DUEIM										
RENK	01	8	20	3	1	4	7,5	—	34	32
ROSEIRES	01	7	12	2	1	5	3	9	28	70
EL OBEID	02	9	00	0	1	5	4,2	4	38	18
EL FÂSHER	02	9	30	1	1	7	5	—	38	11
GENEINA	02	8	00	0	1	6	2	—	34	15
KADUGLI	01	8	28	2	1	4	4	7	35	42
MALAKÂL	10	8	00	0	1	6	8,1	7	34	39
WÂU	01	8	20	3	1	4	8,1	9	32	46
JÛBA	01	8	20	2	1	5	1	11	30	59

(Station groups: Mediterranean; Lower Egypt; Middle Egypt (Cairo); Upper Egypt; Western Desert; Red Sea; North Sudan; Central Sudan; S. Sudan)

Station	8h Present weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
SALÛM	00	9	08	1	0	0	—	13.2		27.9	32		21		56	0	—	—	130
MATRÛH	00	9	28	2	0	0	—	13.0	-0.6	24.0	26	0	19	+1	88	0	111	160	131
DIKHEILA												—		—				—	150
ALEXANDRIA	01	9	30	3	2	4	4	11.9	-1.7	23.4	28	+1	22	+3	70	0	260	185	132
DAMIETTA	01	7	28	3	1	4	8	10.6	—	23.1	28		18		74	0	110	105	159
PORT SAÎD	01	8	26	3	0	4	2	10.6	-1.7	23.0	30	+2	21	+2	72	0	107	79	134
EL 'ARÎSH	00	9	00	0	0	0	—	11.0	-1.8	20.7	29	+1	18	+3	52	0	318	93	135
DAMANHÛR	00	6	20	3	0	0	—	11.2	-2.0	24.2	30	-1	18	+1	68	0	169	101	136
MANŞÛRA	01	8	28	2	1	3	8	11.4	—	24.2	33	0	17	0	66	0	102	54	137
TANTA	00	8	28	2	0	0	—	11.4	-1.8	24.5	33	0	16	0	59	0	96	43	138
ZAGÂZIG	00	7	24	2	0	0	—	12.0	-0.9	26.0	34	+1	17	+1	59	0	57	27	139
CAIRO ALMÂZA	00	8	30	2	0	0	—	12.4	—	23.7	35		20		61	0	69		141
CAIRO EZBEKIYA	05	7	26	2	0	0	—	11.9	-0.7	25.9	35	+1	20	+2	64	0	56	26	—
CAIRO GÎZA	00	6	30	2	0	0	—	11.9	-0.7	24.2	35	+1	17	-1	58	0	51	26	—
HELWÂN	00	7	28	3	0	0	—	11.9	-0.6	22.8	34	0	19	0	60	0	126	29	143
SUEZ	00	9	30	1	0	0	—	11.8	-0.1	25.1	38	+5	20	0	66	0	56	17	144
FAIYÛM	00	8	32	2	0	0	—	12.0	-0.5	24.8	35	+1	19	+1	50	0	110	8	153
MINYA	00	9	32	2	0	0	—	11.9	+0.2	25.7	37	+2	21	+2	46	0	1	—	154
ASYÛT	00	7	30	1	0	0	—	11.4	-0.1	27.1	39	+3	20	0	38	0	29	4	155
QENA	00	8	26	2	0	0	—	8.6	-1.3	31.6	44	+4	24	+2	20	0	29	—	156
LUXOR	00	7	30	2	0	0	—	9.6	—	33.4	44		26		19	0	27	—	157
ASWÂN	00	9	32	4	0	0	—	7.9	-2.1	30.8	43	+3	28	+3	18	0	8	—	158
SÎWA	00	7	00	0	0	0	—	14.8	+0.8	27.5	39	+3	21	+3	60	0	45	8	148
BAHARÎYA	00	9	00	0	0	0	—	13.0	-0.1	24.0	37		18		51	0	9	—	149
KHÂRGA	00	9	32	4	0	0	—	11.1	+0.7	28.5	39	0	25	+3	37	0	10	—	151
DÂKHLA	00	8	04	2	0	0	—	11.9	+0.3	29.0	39	0	23	+2	40	0	3	—	152
TÔR	00	6	28	2	0	0	—	7.4	-2.3	25.9	37	+5	24	+2	94	0	5	13	145
HURGHÂDA	00	9	30	5	0	0	—	7.0	-2.4	30.0	30	+3	23	+1	20	0	17	—	146
QUSEIR	00	8	32	3	0	0	—	6.7	-2.9	30.0	34	+2	—	—	62	0	20	—	147
PORT SUDAN																0	91	97	169
WÂDI HALFA	00	7	30	4	1	1	4	8		32					17	0	6	—	165
KAREIMA	01	7	30	5	1	5	4	6		34					12	0	3	2	166
'ATBARA	01	8	18	2	1	3	4,1	4		34					25	0	13	6	167
KHARTÛM																0	11	7	168
KASSALA	01	8	18	3	0	3	4	7		31					59	0	18	23	170
WAD MEDANI	01	9	18	4	1	4	3	6		26					58	0	32	24	171
DUEIM																0	4	26	173
RENK	00	9	20	3	0	0	—	8	—	29		—		—	52	—	—	89	182
ROSEIRES																0	78	113	172
EL OBEID	00	9	22	3	1	0	—	7		35					35	0	63	35	174
EL FÂSHER	01	9	16	1	1	5	4,5	—		26					32	0	17	15	175
GENEINA	02	8	18	3	1	8	4,2	—		27					40	—	—	28	179
KADUGLI	00	8	04	2	0	3	1	9		29					57	—	—	178	187
MALAKÂL	02	8	14	2	1	5	4	10		28					62	0	139	197	176
WÂU	00	8	22	3	0	3	4	11		27					70	0	301	368	177
JÛBA																0	458	460	178

UPPER WINDS ON 31st الرياح العليا يوم ٣١

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAÎD	HELWÂN 8 h. 15 m.	MINYA	ASYÛT 7 h.	AŞWÂN 7 h.	WÂDI HALFA 7 h.	KAREIMA 7 h.	GENEINA 7 h.	KASSALA 7 h.	EL OBEID 7 h.	MALAKÂL 7 h.	JÛBA
				02 32 30		02 36 10	02 36 35	10 03 70	10 02 30	10 27 15	10 01 35	10 18 30	10 17 20	
				05 33 20		05 01 40	05 36 55	15 02 40	20 06 15	15 13 05	35 34 05	15 17 30	15 19 15	
				08 34 30		10 33 80	10 02 40		25 07 05	20 07 40	40 24 30	20 17 35	20 09 10	
				10 34 40		15 34 80	15 06 35		30 08 05	27 06 30		35 09 10	35 04 30	
				14 33 60			20 35 35			35 06 25		40 06 05		
										40 06 15				

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 30th	Diff. from normal	Wet bulb temp °C on 30th	Diff. from normal
Alexandria	74	+3	20.3	+0.8
Ezbekiya	50	-1	20.1	+0.5
Gîza	51	+1	18.9	-0.4
Helwân	39	0	18.1	+0.7

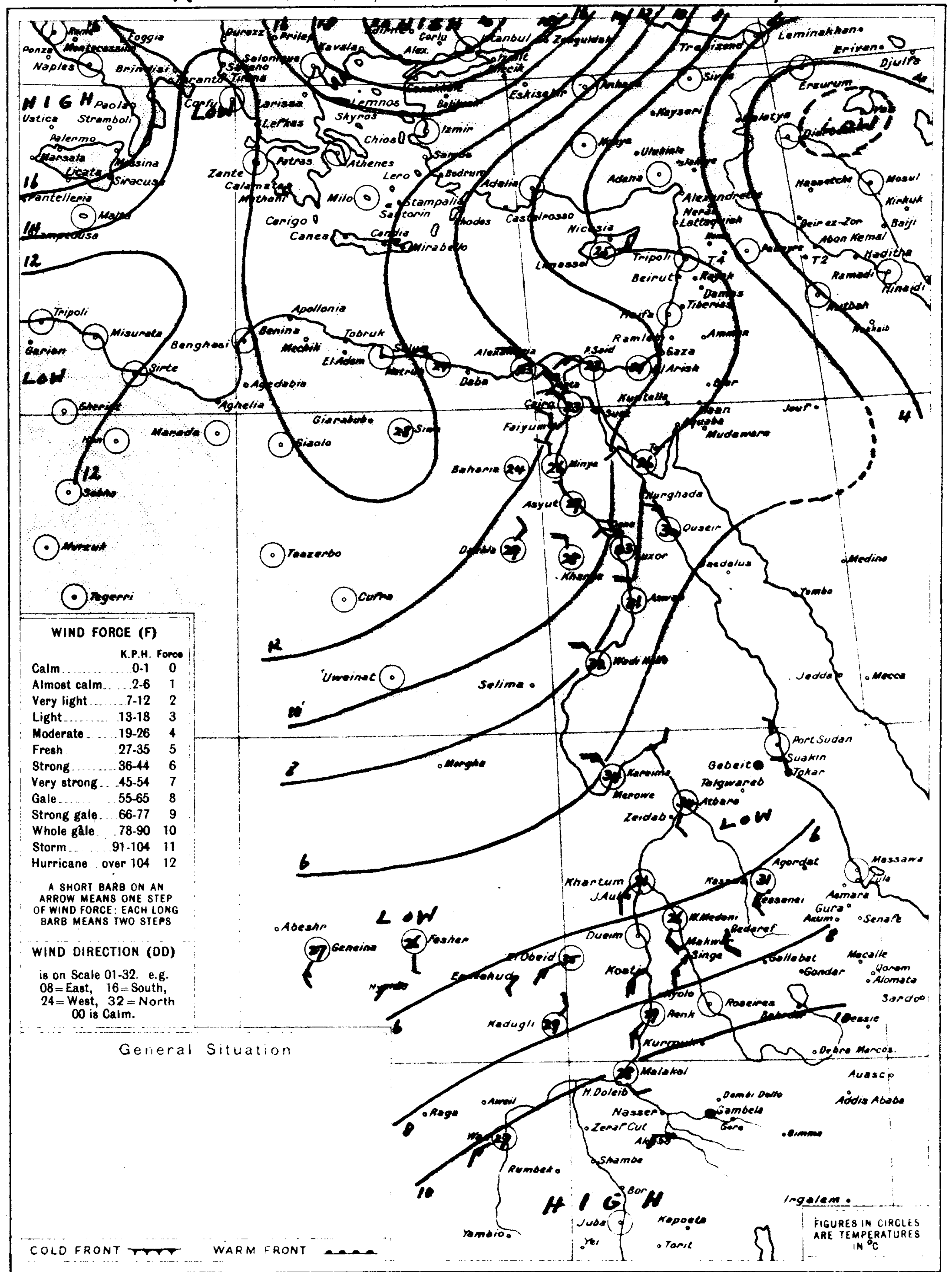
Gîza Grass minimum on 31st 13.3 °C

Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
31-5	1273	1389
30-5	1273	1389

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				13.25	-0.26
Nâsser				7.60	+0.63
Malakâl		10.44	-0.26	11.39	-0.07
Roseires	6			[illegible]	+0.41
Sennâr Res.				[illegible]	—
J. Aulia U.S	1			[illegible]	—
J. Aulia D.S				370.82	-0.20
Khartûm		10.98	+0.55	10.70	+0.29
Kh. el Girba				10.15	-0.31
'Atbara		10.40	+0.37	10.35	+0.39
Kajnarti					
Aswân Res.		[illegible]	—	[illegible]	—
Aswân D.S.		[illegible]	[illegible]	[illegible]	[illegible]
Rôda (Cairo)		[illegible]	[illegible]	[illegible]	[illegible]

Isobars, Wind and Temperature at 8 h. 31-5-1945 ٣١-٥-١٩٤٥



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

At 8 h. on 31st الساعة ٨ يوم ٣١

Station محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
N. Hamadi	00	8	26	1	0	0	—	9.8	—	27.8	39	—	22	—	39	0	16	—
Limassol	05	8	08	3	1	3	6	8.2	-3.3	25	—	—	—	—	84	0	633	458

SHIPS سفن

Remarks
Water Temp. River Nile Cairo 25.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 15..

CAIRO
Time of Sunrise 04h 54m
Sunset 18 51

Month June 1945 ١٩٤٥ شهر يونيه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 31-5 (٣١/٥ الساعة ١٤ يوم) — At 8 h. on Friday 1st (الساعة ٨ يوم الجمعة اول)

Region	Station	14h Present weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. press M.S.L. 1000+ mbs PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1 mms	Normal from Oct 1 mms	Station number
Mediterranean	SALUM											00	9	12	1	0	0	—	128		27.3	30		21		72	0			130
	MATRUH	00	9	28	4	0	0	—	13.1	25.7	80	00	9	28	5	0	0	—	12.6	-1.0	24.0	27	+1	19	+1	91	0	111	161	131
	DIKHEILA																													150
	ALEXANDRIA	00	9	30	5	0	0	—	11.9	25.0	62	02	9	06	1	2	5	4	11.9	-1.7	22.6	27	0	20	+1	73	0	260	186	132
	DAMIETTA	00	8	28	3	1	2	3	10.6	24.1	65	00	7	28	1	1	2	8	10.4		24.6	25		18		75	0	110	106	159
	PORT SAID	00	8	32	4	0	3	2	10.4	26.0	64	02	8	26	3	2	5	4	11.2	-1.4	23.7	27	-1	20	+1	75	0	107	80	134
	EL ARISH	00	9	30	1	0	0	—	10.8	29.4	43	00	9	00	0	0	0	—	12.2	-0.5	20.6	29	+1	19	+3	49	0	318	94	135
Lower Egypt	DAMANHUR	00	6	32	3	0	0	—	11.2	30.6	35	01	7	28	3	1	3	8	11.0	-2.2	23.0	31	0	18	+1	74	0	169	101	136
	MANSURA	01	8	28	2	1	3	8	10.6	30.0	41	01	8	32	2	1	3	8	11.2		23.6	31	-2	18	+1	70	0	162	55	137
	TANTA	00	8	00	0	0	0	—	10.3	30.0	38	00	8	00	0	0	0	—	11.5	-1.7	24.0	31	-2	16	-1	67	0	96	44	138
	ZAGAZIG	00	7	24	2	0	0	—	10.6	32.0	37	00	7	28	2	0	0	—	11.4	-1.5	24.2	32	-1	17	0	71	0	57	27	139
Middle Egypt (Cairo)	ALMAZA	00	8	29	2	0	0	—	11.2	32.5	22	01	7	02	1	2	4	6	11.9		22.0	33		20		69	0	69		141
	EZBEKIYA	00	8	26	1	0	0	—	9.9	31.7	43	02	7	30	2	0	5	8	11.4	-1.1	23.2	33	-1	20	+2	73	0	56	26	
	GIZA	00	8	30	2	0	0	—	9.9	32.8	24	05	6	32	1	1	3	8	11.2	-1.5	22.5	33	-1	19	+3	72	0	51	26	
	HELWAN	00	8	26	4	0	0	—	10.0	31.0	18	00	6	30	3	0	0	—	11.1	-1.4	21.3	32	-2	19	0	69	0	126	29	143
	SUEZ											00	9	00	0	0	0	—	10.6	-1.3	23.7	35	+2	21	+1	76	0	56	17	144
Upper Egypt	FAIYUM	00	8	30	4	0	0	—	10.2	33.5	17	00	8	02	3	0	1	8	11.2	-1.2	22.8	34	-1	18	0	66	0	110	8	153
	MINYA	00	9	04	3	0	0	—	11.0	33.6	23	00	9	32	3	1	0	—	11.1	-0.5	23.4	35	0	18	-1	64	0	1		154
	ASYUT	00	8	30	3	0	0	—	8.3	33.1	26	00	7	28	1	0	0	—	10.3	-1.2	24.5	35	-1	20	0	64	0	29	4	155
	QENA	01	9	26	3	0	3	1	—	40.8	11	00	8	22	2	0	0	—	7.9	-2.0	26.8	42	+2	21	-1	38	0	29		156
	LUXOR	00	7	30	3	0	0	—	7.0	39.3	12	00	7	26	1	0	0	—	7.9	—	32.7	41		21		26	0	tr		157
	ASWAN	00	9	32	4	0	0	—	5.4	40.0	12	00	9	02	4	0	0	—	7.6	-2.3	29.0	40	-1	25	0	24	0	8		158
Western Desert	SIWA	00	8	00	0	0	0	—	14.2	36.5	41	00	7	00	0	0	0	—	13.6	-0.3	26.5	38	+2	20	+2	53	0	45	8	148
	BAHARIYA	00	9	32	1	0	0	—	11.5	34.0	22	00	9	00	0	0	0	—	13.5	+0.5	21.2	35		18		64	0	9		149
	KHARGA	00	9	32	4	0	0	—	—	36.7	26	00	9	32	2	0	0	—	10.4	+0.1	25.7	37	-2	22	0	53	0	10		151
	DAKHLA	00	9	28	2	0	0	—	10.3	36.0	29	00	8	04	1	0	0	—	11.4	-0.2	27.0	37	-2	21	0	46	0	3		152
Red Sea	TOR	00	7	28	2	0	0	—	7.5	31.9	53	00	7	28	1	0	0	—	7.9	-1.8	25.1	33	+1	23	+1	93	0	5	13	145
	HURGHADA	00	9	30	6	0	0	—	—	33.2	29	00	9	30	5	0	0	—			29.0	36	+3	20	-2	40	0	17		146
	QUSEIR	00	8	32	4	0	0	—	6.4	32.3	61	00	8	30	2	0	0	—	6.4	-3.2	29.0	33	+1			60	0	20		147
	PORT SUDAN																										0	91	97	169
North Sudan	WADI HALFA	18	6	30	5	0	0	—	3	39	06	00	8	30	4	0	0	—	8		29					25	0	6		165
	KAREIMA	00	7	04	2	1	0	—	2	44	08	01	7	02	4	1	4	2	5		33					14	0	3	2	166
	ATBARA	01	8	22	2	0	3	8	1	43	12	00	7	30	3	0	3	1	2		34					15	0	13	7	167
	KHARTUM																										0	11	8	168
	KASSALA	00	8	00	0	0	1	8	1	41	18	00	8	20	3	0	0	—	5		31					38	0	18	24	170
Central Sudan	WAD MEDANI	01	8	18	3	1	4	8	1	41	—	02	8	26	6	1	7	1	7		29					48	0	32	25	171
	DUEIM																										0	4	27	173
	RENK	01	9	16	3	0	4	8	4	39	23	03	9	12	3	2	8	9,2	11		24					69			90	182
	ROSEIRES	00	7	20	2	0	0	—	5	36	25																7	85	115	172
	EL OBEID	00	8	32	2	0	3	4	2	38	27																0	63	36	174
	EL FASHER											00	8	12	2	0	0	—	—		26					30	0	17	16	175
	GENEINA											00	7	04	1	6	0	—	—		24					28	rain		29	179
	KADUGLI	01	8	30	2	1	4	4	5	37	25																		182	187
S. Sudan	MALAKAL	01	8	22	3	1	4	8,4	5	36	37	93	7	08	7	9	8	9,4	13		23					84	tr	139	200	176
	WAU	01	8	16	1	1	5	8	8	34	41	01	8	20	3	0	3	1	8		27					45	0	301	373	177
	JUBA	11	8	30	1	1	5	9	8	33	53	02	8	18	3	1	6	8,4	12		23					100	0	458	468	178

UPPER WINDS ON 1st (الرياح العليا يوم اول)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h m — MATRUH h m — DIKHEILA h m — PORT SAID h m — HELWAN h m — MINYA h m — ASYUT h m — ASWAN h m — WADI HALFA h m — KAREIMA 7 h 15 m — El Fasher 6 h m — Geneina 6 h 45 m — Kassala 7 h m — MALAKAL 7 h 30 m — JUBA 7 h 30 m

06 03 50 | 06 01 20 06 09 60 06 19 30
10 03 50 10 02 25 10 06 20 10 01 20 10 09 80 10 19 35
15 36 25 15 04 45 15 07 55 15 36 30 15 13 35 15 24 05
20 03 20 20 06 25 20 07 45 20 36 30 | 20 09 05
25 05 30 27 12 15 | 25 09 20
30 06 15 40 10 25 | 33 12 20
45 09 35

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 31st	Diff. from normal	Wet bulb temp. on 31-5	Diff. from normal
Alexandria	72	+1	19.7	-0.1
Ezbekiya	53	+2	20.6	+0.9
Giza	56	+6	19.7	+0.4
Helwan	48	+9	18.0	+0.5

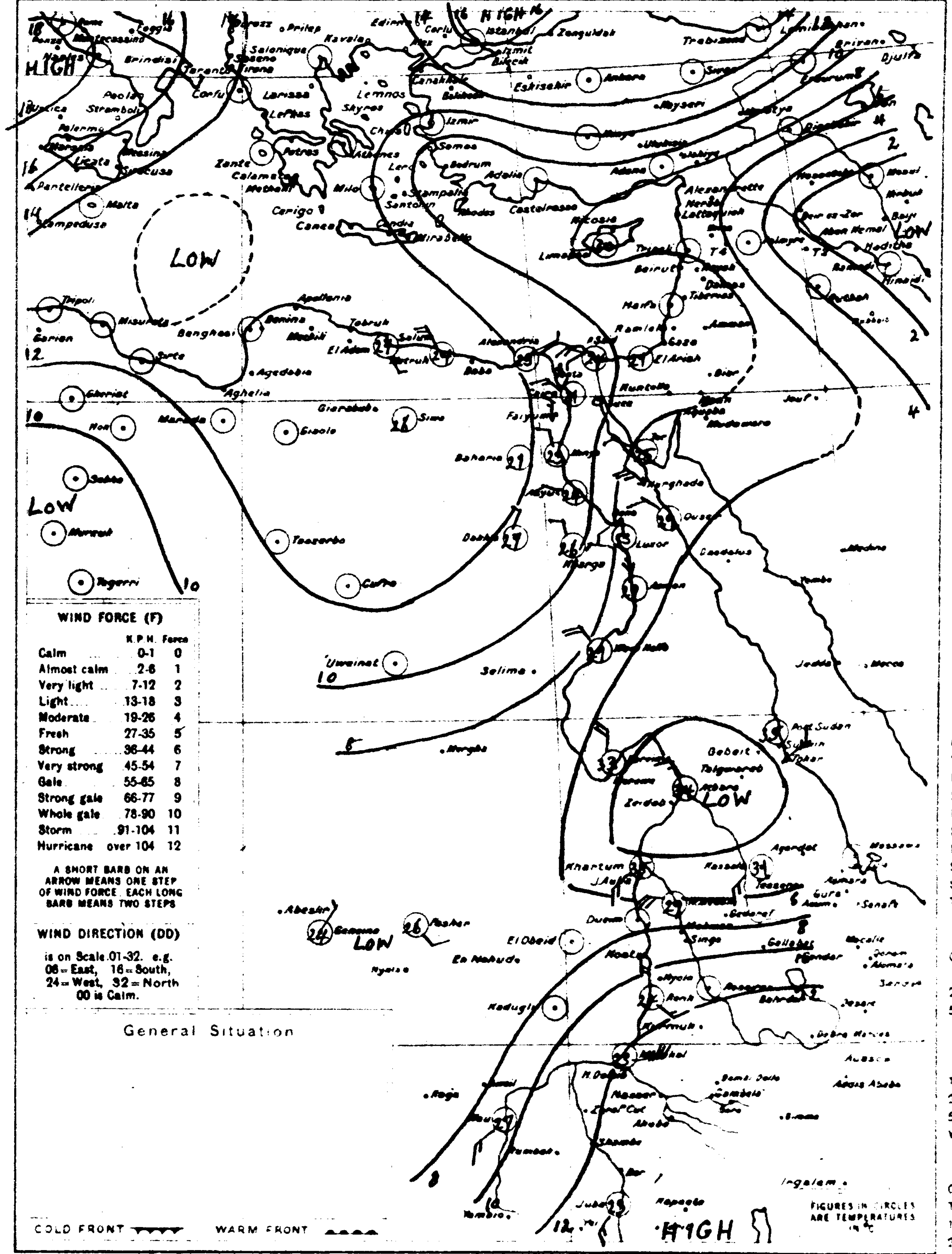
Giza Grass minimum on 1st 16.9 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1945	1944
1-6	1331	1447
31-5	1273	1389

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	1-6	12.50	-1.00	12.99	-0.51
Nasser		7.44	+0.35	7.54	+0.49
Malaka		10.47	-0.03	10.44	-0.04
Roseires		12.48	+0.08	12.30	-0.09
Sennar Res.		6.23	—	6.72	—
J. Aulia U.S.				370.98	—
J. Aulia D.S.				370.96	-0.07
Khartum		11.04	+0.59	10.98	+0.55
Kh. el Girba		10.14	-0.32	10.10	-0.36
Atbara		10.40	+0.31	10.45	+0.37
Kajnarti		130.88	-1.05	130.92	-1.02
Aswan Res.		115.94	—	116.12	—
Aswan D.S.		85.70	-0.13	85.82	-0.19
Roda (Cairo)		16.22	+0.76	16.29	+0.83

١٩٤٥-٦-١ Isobars, Wind and Temperature at 8 h. 1-6-1945



At 8 h. on 1st (الساعة ٨ يوم اول)

Station	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C	Max Yesterday °C	Diff. from norm.	Min Today °C	Diff. from norm.	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	9	24	1	0	2	1	7.8	-3.6	30					35	0	633	459
Nag Hamadi	00	8	00	0	0	0	—	11.6		26.0	33		17		48	0	16	

SHIPS

Remarks

Water Tempt. River Nile Cairo 25.4 C°

HOURS ARE EGYPTIAN STANDARD TIME LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)	
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ..	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
.. of Snow	83, 84
.. of Sleet	85, 86
.. of Hail	88, 89
Thunderstorm	90-99
.. ended, now Rain	91
.. with Hail	94-96
.. with Duststorm	98
.. heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)	
Objects not visible at 50 metres	0
200 ..	1
500 ..	2
1 Kilometre	3
2 ..	4
4 ..	5
10 ..	6
20 ..	7
50 ..	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 38 554 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 15

CAIRO

Time of Sunrise 04 h 56 m

Sunset 18 52

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month JUNE 1945 ١٩٤٥ شهر يونيه

At 14 h. on 1st الساعة ١٤ يوم ١ — At 8 h. on SATURDAY 2nd السبت ٢ الساعة ٨

STATION		At 14 h. PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESS. M.S.L. 1000+ mbs. PPP	TEMP. °C TTT	HUMIDITY % UU	At 8 h. PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff. from norm. °C	MINIMUM Today °C mm	MINIMUM Diff. from norm. °C	HUMIDITY % UU	RAINFALL Past 24 hrs. mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	STATION NUMBER
MEDITERRANEAN	SALUM	00	9	32	1	0	0	—	12.5	28.6	53	00	9	32	4	0	0	—	12.7		27.6	32	—	22	—	73	0	—	—	130
	MATRUH	00	9	30	4	0	0	—	12.7	26.1	66	00	9	28	2	0	0	—	13.1	−0.5	25.0	27	+1	20	+2	84	0	111	161	131
	DIKHEILA																													150
	ALEXANDRIA	00	9	02	2	0	0	—	11.6	25.1	69	00	9	04	2	0	0	—	11.9	−1.7	25.0	28	0	21	+1	73	0	260	186	132
	DAMIETTA	00	8	30	3	1	1	5	9.8	26.7	72	00	8	26	1	0	0	—	10.0		25.9	28	—	18	—	72	0	110	106	159
	PORT SAID	00	8	30	2	0	1	1	9.5	27.2	67	01	8	22	2	1	4	8	10.2	−2.0	24.2	28	0	21	+2	81	0	107	80	134
	EL 'ARISH											00	9	20	1	0	0	—	10.8	−1.8	20.4	29	+1	18	+2	43	0	318	94	135
LOWER EGYPT	DAMANHUR	00	7	32	3	1	0	—	11.2	29.0	42	00	7	28	3	0	0	—	10.6	−2.5	26.8	31	−1	17	0	57	0	170	101	136
	MANSURA	00	8	04	2	1	0	—	9.8	34.0	36	00	8	04	1	0	0	—	10.6		25.0	35	+2	17	0	68	0	102	55	137
	TANTA	00	8	00	0	0	0	—	9.5	33.6	31	00	8	00	0	0	0	—	11.2	−1.9	25.2	34	+1	16	−1	67	0	96	44	138
	ZAGAZIG	00	7	28	2	0	0	—	8.8	33.6	35	00	7	28	2	0	0	—	11.1	−1.7	22.2	34	+1	17	0	69	0	57	27	139
MIDDLE EGYPT	CAIRO ALMAZA	00	8	04	2	0	0	—	10.4	33.0	22	01	7	00	0	1	4	6	11.9	—	24.1	35	—	20	—	74	0	69	—	141
	EZBEKIYA	00	8	30	2	0	0	—	9.2	32.9	27	05	5	28	1	0	0	—	11.4	−1.0	24.4	35	+1	20	+1	75	0	56	26	—
	GIZA	00	8	30	2	0	0	—	9.0	33.0	28	09	5	30	2	0	0	—	11.6	−1.1	23.0	34	0	19	+3	81	0	51	26	—
	HELWAN	00	7	32	4	0	0	—	8.6	32.4	23	05	6	28	1	0	0	—	10.8	−1.6	23.2	34	0	19	0	67	0	126	29	143
	SUEZ											00	9	30	1	0	0	—			28.0	34	+1	21	+1	53	0	56	17	144
UPPER EGYPT	FAIYUM	00	8	02	3	0	0	—	8.7	32.0	27	00	8	02	3	0	0	—	11.2	−1.2	24.3	34	−1	20	+2	64	0	110	8	153
	MINYA	00	9	32	2	0	0	—	8.8	33.7	28	00	9	30	2	0	0	—	10.3	−1.3	25.2	35	0	21	+2	59	0	1	—	154
	ASYUT	00	8	30	2	0	0	—	7.4	34.0	13	00	8	28	1	0	0	—	9.8	−1.6	28.0	35	−1	20	−1	37	0	29	4	155
	QENA	00	9	28	2	0	0	—	4.2	41.0	14	00	7	24	2	0	0	—	6.8	−3.0	28.9	43	+3	21	−1	30	0	29		156
	LUXOR	00	7	30	3	0	0	—	5.1	38.5	18	00	7	14	2	0	0	—	7.5		33.0	41	—	21	—	27	0	tr.		157
	ASWAN	00	9	32	3	0	0	—	4.4	39.6	14	00	9	32	3	0	0	—	6.2	−3.6	28.6	40	−1	23	−2	26	0	8		158
WESTERN DESERT	SIWA	00	8	00	0	0	0	—	12.8	37.5	44	00	7	00	0	0	0	—	13.1	−0.8	27.5	39	+3	21	+3	54	0	45	8	148
	BAHARIYA	00	9	00	0	0	0	—	11.6	34.0	16	00	9	00	0	0	0	—	12.7	−0.3	24.0	36		19	—	54	0	9		149
	KHARGA	00	9	30	3	0	0	—	8.4	35.9	28	00	9	02	4	0	0	—	9.4	−0.9	28.3	36	−3	23	+1	55	0	10		151
	DAKHLA	00	9	28	3	0	0	—	9.1	35.0	35	00	8	32	2	0	0	—	10.6	−0.9	27.0	37	−2	22	+1	49	0	3	—	152
RED SEA	TOR	00	7	28	2	0	0	—	6.2	27.8	80	00	7	28	1	0	0	—	6.8	−2.8	26.5	30	−2	23	+1	93	0	5	13	145
	HURGHADA	00	9	02	5	0	0	—	—	31.0	40	00	9	30	5	0	0	—	8.3	−1.4	28.9	33	0	22	0	35	0	17		146
	QUSEIR	00	8	32	3	0	0	—	5.9	30.3	66	00	8	32	3	0	0	—	7.8	−1.7	27.2	31	−1			72	0	20		147
	PORT SUDAN																										0	91	97	169
NORTH SUDAN	WADI HALFA	00	8	30	4	0	0	—	5	39	07	00	8	28	2	0	0	—	7		28					16	0	6	—	165
	KAREIMA	01	8	04	3	0	3	1	1	43	09	00	8	02	2	1	3	4,2	6		32					13	0	3	2	166
	'ATBARA	01	7	28	2	0	3	8	99	44	16	01	7	22	4	1	3	1	3		34						29	0	13	7	167
	KHARTUM																										0	11	8	168
	KASSALA	00	8	26	3	0	0	—	99	42	17	00	8	16	3	1	0	—	6		29					49	1	19	24	170
CENTRAL SUDAN	WAD MEDANI	02	8	18	4	1	7	1	1	39	21	01	9	18	5	1	5	1	5		30					38	0	32	25	171
	DUEIM																										0	4	27	173
	RENK	01	9	16	3	1	5	8,4	7	22	—	02	9	20	3	1	6	9			26					66	—	—	91	182
	ROSEIRES																										0	85	117	172
	EL OBEID	18	6	16	4	1	8	8,4	4	36	31	00	9	20	4	0	3	1	8		26					58	0	63	37	174
	EL FASHER											02	8	00	0	2	6	1	—		26					58	0	17	16	175
	GENEINA											01	7	04	2	1	4	1,2	—		25					19	—	—	30	179
	KADUGLI	01	8	12	4	1	4	4	7	34	59	02	8	12	2	1	5	4	10		19						—	—	186	187
S. SUDAN	MALAKAL	19	7	22	4	6	8	6,5	7	24	74	02	8	16	3	1	5	4,5	10		24					84	8	147	203	176
	WAU											01	8	18	1	1	4	8,4	11		23					65	0	301	378	177
	JUBA	02	8	02	3	6	8	6,4,5	13	25	79	01	8	14	1	1	4	8,4	12		24					84	7	465	469	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 2nd

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	EL FASHER	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m	h m
				8 h 15		7 h.	7 h.	7 h.	7 h.	7 h.	6 h 30	7 h.	7 h.
				02 32 20		02 36 30	02 36 15	10 36 20	10 09 05	10 06 30	10 20 30	10 18 30	10 19 15
				05 03 10		05 02 40	05 04 25	15 26 05	15 07 30	15 09 40	15 19 40	15 18 15	15 17 30
				08 36 50		10 02 60	10 03 15	20 23 15	20 06 40	20 10 35	20 19 20	20 05 15	20 17 20
				10 36 40		15 02 40	15 25 20	25 24 30	25 16 25	25 13 15	25 17 45	25 04 30	25 17 20
				15 36 50		20 02 40	20 22 10	35 21 30	35 05 20		35 13 30	35 04 40	35 11 30
				20 01 40		25 36 25	25 23 15	40 21 30	40 07 25		40 03 20	40 06 45	40 09 30
				23 01 65				50 14 20	50 10 30				
				25 36 50									

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day HUMIDITY % on 1st	Diff. from normal	WET BULB TEMP °C on 1st	Diff. from normal
Alexandria	76	+ 4	20.2	+0.4
Ezbekiya	55	+ 3	20.1	+0.4
Giza	55	+ 5	20.2	+0.8
Helwan	44	+ 5	18.3	+0.7
Giza Grass minimum on 2nd			15.4	°C

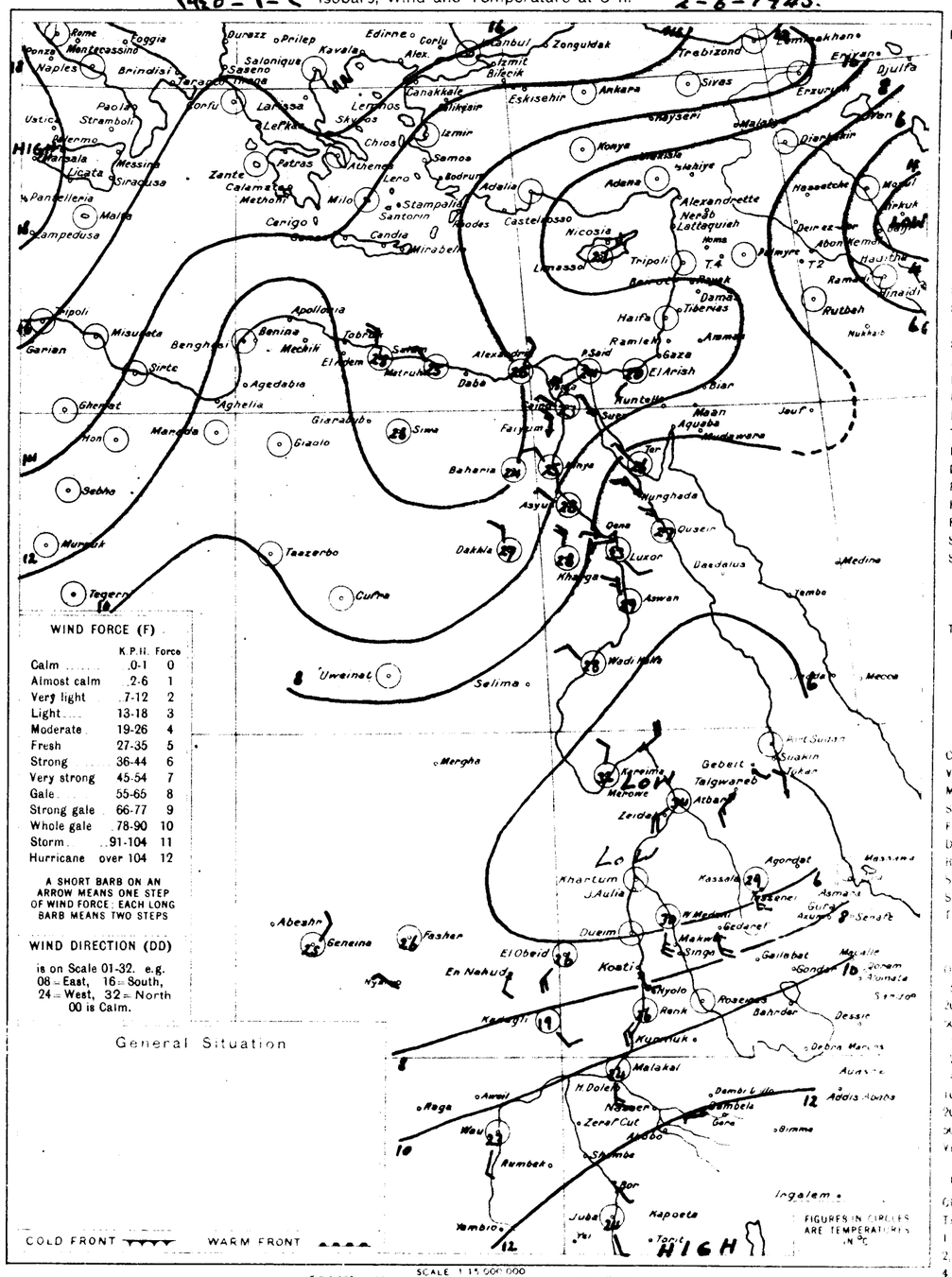
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
2. 6	1331	1447
1. 6	1331	1447

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.50	−1.00
Nasser				7.44	+0.35
Malakâl		10.49	−0.03	10.47	−0.03
Roseires				12.48	+0.08
Sennâr Res.				6.23	
J. Aulia U.S.	6				
J. Aulia D.S.					
Khartûm	1				
Kh. el Girba	2			11.04	+0.59
Atbara				10.14	−0.32
Kajnarti		10.46	+0.36	10.40	+0.31
Aswan Res.				130.48	−1.05
Aswan D.S.		115.72	—	115.94	
Roda (Cairo)		85.90	−0.15	85.90	−0.13
		16.20	+0.74	16.22	+0.76

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

1940-7-C Isobars, Wind and Temperature at 8 h. 2-6-1945.



STATION مرصد	At 8 h. on 2nd PRESENT WEATHER ww	VISIBILITY V	WIND Dir DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR. PRESSURE M.S.L. 1000+ mbs PPP	TEMPERATURE Dry Bulb °C TTT	MAXIMUM Yesterday °C MM	MAXIMUM Diff from norm °C	MINIMUM Today °C mm	MINIMUM Diff from norm °C	HUMIDITY % UU	RAINFALL Past 24 hrs. mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	00	9	06	3	0	0	—	8.8	−2.6	27				62	0	633	459
Nag Hamadi	00	8	26	1	0	0	—	7.8	—	28.8	36		17	38	0	16	—
SHIPS سفن																	

Remarks

WATER TEMP. River Nile Cairo 25.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150

CAIRO
Time of Sunrise h 04 m 54
Sunset h 18 m 52

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1945 ١٩٤٥ شهر يونيه

STATION	14h on 2nd: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	8h on Sunday 3rd: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct 1 mms.	Rainfall Normal from Oct 1 mms.	Station Number
MEDITERRANEAN																													
SALUM	00	9	10	3	0	0	—	13.6	29.8	70	00	9	04	3	0	0	—	13.2		25.7	30		22		93	0	—	—	130
MATRUH	00	9	32	1	0	0	—	13.0	27.7	74	00	9	12	1	0	0	—	13.9	+0.3	26.2	29	+3	21	+3	75	0	111	161	131
DIKHEILA																												—	150
ALEXANDRIA	00	9	04	1	0	0	—	12.0	27.4	59	00	9	00	0	0	0	—	13.2	−0.3	26.1	30	+2	23	+3	65	0	260	186	132
DAMIETTA	00	7	28	4	0	0	—	10.2	27.1	70	00	7	28	1	0	0	—	11.5		26.9	29		22		65	0	110	106	159
PORT SAÏD	00	8	30	2	0	0	—	10.2	28.2	68	00	8	32	2	0	0	—	11.2	−1.0	25.3	30	+2	23	+4	72	0	107	80	134
EL 'ARÎSH	00	9	30	1	0	0	—	11.0	29.4	43	00	9	30	1	0	0	—	10.8	−1.7	21.2	29	+1	18	+2	53	0	318	94	135
LOWER EGYPT																													
DAMANHÛR	00	6	32	3	0	0	—	10.8	30.2	35	00	6	04	3	0	0	—	12.3	−0.8	26.8	32	0	20	+3	56	0	169	101	136
MANṢÛRA	00	8	32	1	0	0	—	9.6	35.0	32	00	8	04	1	0	0	—	10.8		26.5	36	+3	20	+3	66	0	102	55	137
TANTA	00	8	32	1	0	0	—	10.3	34.0	27	00	8	00	0	0	0	—	12.3	−0.8	26.4	35	+1	17	0	59	0	96	44	138
ZAGÂZÎG	00	7	32	2	0	0	—	9.6	34.9	30	00	7	04	2	0	0	—	10.6	−2.2	27.2	37	+3	18	+1	59	0	57	27	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	8	02	2	0	0	—	11.0	34.9	21	00	8	06	4	0	0	—	12.7		28.3	37		21		33	0	69	—	141
CAIRO EZBEKIYA	00	7	32	3	0	0	—	9.9	34.6	35	05	7	02	2	0	0	—	11.6	−0.7	27.8	36	+2	21	+2	62	0	56	26	—
CAIRO GÎZA	00	8	30	3	0	0	—	10.3	35.1	23	05	5	30	3	0	0	—	12.0	−0.6	26.3	36	+2	18	+2	55	0	51	26	—
HELWÂN	00	7	30	4	0	0	—	9.4	34.0	22	00	6	02	4	0	0	—	11.0	−1.4	29.1	36	+2	22	+3	31	0	126	29	143
SUEZ											00	9	30	1	0	0	—	11.1	−0.7	29.1	34	+1	21	+1	49	0	56	17	144
UPPER EGYPT																													
FAIYUM	00	8	32	3	0	0	—	8.8	35.0	19	00	8	02	3	0	0	—	11.0	−1.3	28.0	36	+1	21	+2	35	0	110	8	153
MINYA	00	9	32	4	0	0	—	9.4	36.2	22	00	9	28	2	0	0	—	9.9	−1.6	27.0	37	+1	21	+2	43	0	1	—	154
ASYÛT	00	8	30	3	0	0	—	7.0	36.0	17	00	7	24	1	0	0	—	9.8	−1.6	28.1	37	+1	22	+1	34	0	29	4	155
QENA	00	9	22	2	0	0	—	4.6	40.0	18	00	8	24	1	1	0	—	7.4	−2.3	32.8	42	+2	23	+1	30	0	29	—	156
LUXOR	00	7	10	2	0	0	—	5.6	40.5	16	00	7	12	1	0	0	—	7.6		32.0	43		22		28	0	tr.		157
ASWÂN	00	9	32	1	0	0	—	4.2	40.0	15	00	9	32	2	0	0	—	5.9	−3.8	29.0	41	0	25	0	24	0	8		158
WESTERN DESERT																													
SIWA	00	8	00	0	0	0	—	13.1	38.5	43	00	7	08	2	0	0	—	12.7	−1.2	30.0	40	+4	21	+3	59	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	10.3	36.0	33	00	9	00	0	0	0	—	12.3	−0.7	27.0	37		16		43	0	9	—	149
KHÂRGA	00	8	04	4	0	0	—	7.5	37.4	37	00	9	02	4	0	0	—	9.1	−1.2	20.8	38	−1	22	0	48	0	10		151
DAKHLA	00	9	32	2	0	0	—	8.3	37.0	30	00	8	20	1	0	0	—	10.4	−1.1	30.5	39	0	26	+5	39	0	3		152
RED SEA																													
TOR	00	7	28	1	0	0	—	6.8	31.1	44	00	7	28	2	0	0	—	6.8	−2.7	26.8	36	+4	24	+2		0	5	13	145
HURGHÂDA	00	9	30	5	0	0	—	—	32.0	29	00	9	30	5	0	0	—	—	—	29.5	34	+1	25	+3	28	0	17		146
QUṢEIR	00	8	32	3	0	0	—	6.3	32.8	56	00	8	32	2	0	0	—	6.4	−3.0	29.8	33	+1			51	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WÂDI HALFA	00	8	28	3	0	0	—	6	39	10	00	8	00	0	0	0	—	5		28					23	0	6	—	165
KAREIMA											00	8	02	1	0	1	4	5		32					13	c	3	2	166
'ATBARA	01	7	28	2	1	4	1	0	43	9	01	8	10	1	1	4	4,2	3		35					18	0	13	7	167
KHARTÛM																										0	11	8	168
KASSALA	00	8	18	3	0	0	—	1	39	24	01	8	16	3	0	4	4,1	6		30					40	0	19	25	170
CENTRAL SUDAN																													
WAD MEDANI											02	9	18	5	8	7	6	7		31					41	tr	32	26	171
DUEIM																										0	4	28	173
RENK											02	8			1	6	9	10		23						—	—	94	182
ROSEIRES											02	7	14	2	5	6	4	10		26					79	3	88	121	172
EL OBEID	02	9	22	3	1	5	4	3	37	20	02	9	20	4	1	6	4,2	7		28					52	0	63	38	174
EL FÂSHER	02	8	04	2	1	6	8,2	—	37	13	00	8	02	1	1	0	—	—		28					29	0	17	16	175
GENEINA	01	8	24	2	1	4	8,2	—	36	19	01	9	20	2	1	3	1,2	—		23					57	—	—	31	179
KADUGLI	01	8	20	3	1	4	1	11	33	28	02	8	28	2	1	6	4	10		28					66	—	—	190	187
S. SUDAN																													
MALAKÂL	01	8	20	2	1	4	8,4	8	32	46	61	7						—		23					78	47	247	207	176
WÂU	02	8	16	1	1	7	6,4	8	31	55	02	8	24	1	1	6	4,1	11		24					84	0	301	383	177
JÛBA	01	8	00	0	1	4	8	8	32	55	93	6	02	2	1	8	7,2	13		22					94	9	245	474	178

UPPER WINDS ON 3rd الرياح العليا يوم ٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH h. m.	DIKHEILA h. m.	PORT SAÏD h. m.	HELWÂN 08 h. 15 m.	MINYA h. m.	ASYUT 7 h. m.	AṢWÂN h. m.	FASHER 7 h. m.	KAREIMA 7 h. 15 m.	KHARTÛM 9 h. 15 m.	KASSALA h. m.	EL OBEID 6 h. 30 m.	MALAKÂL 7 h. m.	JÛBA h. m.
				02 05 15		02 36 20		10 03 15	10 04 15	10 05 20			10 28 55	
				05 04 25		05 03 35		15 08 05	15 36 10	15 30 05		15 35 30	15 09 30	
				08 03 30		10 03 55		20 06 15	20 02 04	20 31 30			20 14 05	
				10 02 35		15 01 70		25 04 30	25 06 10	25 24 20		40 07 40		
				15 01 40		20 02 55		35 04 30	30 08 10	35 23 30				
				20 36 60				40 05 35	40 13 15	40 22 40				
									50 11 25					
									60 05 10					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 2nd	Diff. from normal	Wet Bulb Temp °C on 2nd	Diff. from normal
Alexandria	73	+1	21.3	+1.4
Ezbekiya	54	+2	21.5	+1.7
Giza	51	0	19.9	+0.5
Helwân	41	+2	19.1	+1.3

Giza Grass minimum on 3rd 14.7 °C

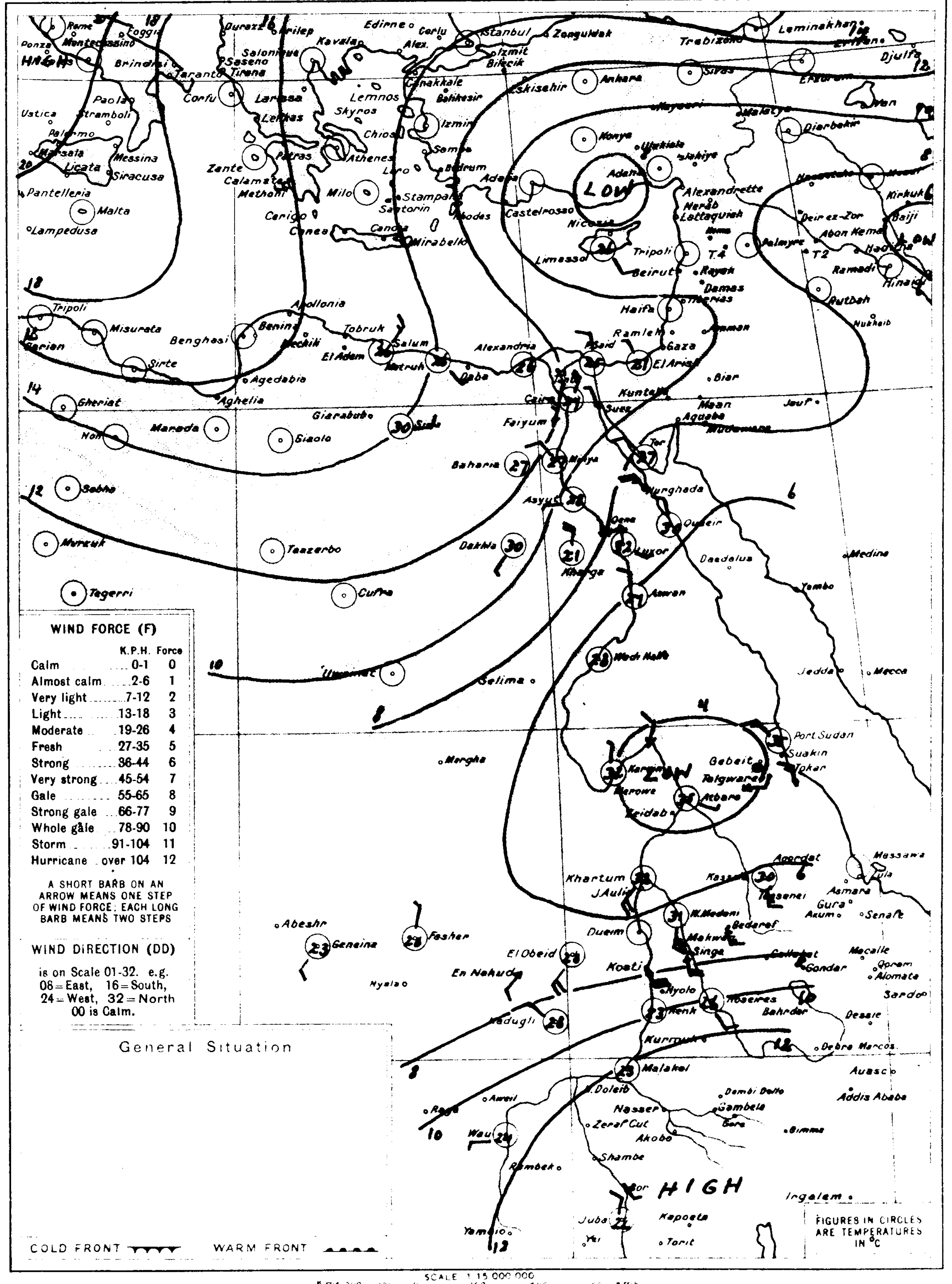
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
3.6	1331	1447
2.6	1331	1447

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.50	−1.00
Nasser				7.32	+0.16
Malakâl		10.52	−0.03	10.49	−0.03
Roseires				12.14	−0.27
Sennâr Res				5.81	
J. Aulia U.S	6			371.11	
J. Aulia D.S				371.10	+0.05
Khartûm		10.84	+0.34	11.00	+0.52
Kh. el Girba	3			10.15	−0.31
'Atbara		10.58	+0.46	10.46	+0.36
Kajnarti		130.83	−1.09	130.83	−1.10
Aswân Res.		115.46		115.72	
Aswân D.S.		85.92	−0.16	85.90	−0.15
Rôda (Cairo)		16.15	+0.68	16.20	+0.70

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٦-٣ Isobars, Wind and Temperature at 8 h. 3-6-1945.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gâle	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000 000 — Kms 200 100 0 200 400 600 Kms

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) — Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

At 8 h. on 3rd الساعة ٨ يوم ٣

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	00	9	12	2	0	0	—	9.0	−2.2	26					62	0	633	459
Nag Hamadi	00	8	32	1	0	0	—	8.3	—	29.0	40		21		34	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 1..

CAIRO

Time of Sunrise 04 57 h m

Sunset 18 53

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month JUNE 1945 ١٩٤٥ شهر يونيه

١٩٤٥-٦-٤ Isobars, Wind and Temperature at 8 h. 4-6-1945.

At 14+ on 3rd الساعة ١٤ يوم ٣ — At 8 h. on MONDAY 4th الساعة ٨ يوم الاثنين ٤

Region	Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Press M.S.L. 1000+ mbs PPP	Temp. °C TTT	Humidity % UU	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	Humidity % UU	Rainfall Past 24 hrs. mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN	SALUM	00	9	08	3	0	0	—	10.0	27.0	89	00	9	12	3	0	0	—	14.8		25.0	27	21			81	0	—	—	130
	MATRUH	00	9	04	1	0	0	—	13.9	26.4	75	01	9	32	2	1	4	8	15.0	+1.4	24.1	27	+1	21	+3	78	0	111	168	131
	DIKHEILA																													150
	ALEXANDRIA	00	9	00	0	0	0	—	13.5	26.0	67	00	9	02	3	0	0	—	13.9	+0.4	23.3	29	+1	21	+1	61	0	260	186	132
	DAMIETTA	00	7	30	3	1	0	—	12.4	27.6	63	00	8	30	2	0	0	—	12.6		24.5	28	21			71	0	110	106	159
	PORT SAÏD	00	8	30	2	0	0	—	11.9	28.6	57	00	8	30	2	0	0	—	12.0	−0.2	23.9	29	+1	22	+3	67	0	107	80	134
	EL 'ARISH	00	9	30	1	0	0	—	10.8	28.3	41	00	9	00	0	0	0	—	12.2	−0.3	20.2	29	+1	17	+1	52	0	318	94	135
LOWER EGYPT	DAMANHUR	00	6	32	3	0	0	—	13.9	32.4	35	00	6	32	3	0	0	—	12.3	−0.7	24.3	33	+1	19	+2	52	0	169	101	136
	MANSURA	00	8	04	1	0	0	—	11.4	34.0	33	00	8	04	2	0	0	—	13.0		25.0	35	+2	20	+2	57	0	102	55	137
	TANTA	00	8	00	0	0	0	—	11.2	34.0	31	00	8	00	0	0	0	—	13.2	+0.2	25.0	35	+1	16	−1	50	0	96	44	138
	ZAGAZIG	00	7	32	2	0	0	—	12.2	35.1	33	00	7	32	2	0	0	—	13.5	+0.8	24.6	35	+1	19	+2	66	0	57	27	139
MIDDLE EGYPT	CAIRO ALMAZA	00	8	02	2	0	0	—	11.9	34.5	23	00	8	03	2	0	0	—	14.0		25.0	36		20		64	0	69		141
	EZBEKIYA	00	8	02	3	0	0	—	10.8	35.1	41	00	7	02	3	0	0	—	13.1	+0.8	25.7	36	+2	20	+1	66	0	56	26	
	GIZA	00	8	30	2	0	0	—	10.4	34.9	24	00	6	02	2	0	0	—	13.1	+0.5	24.3	35	+1	20	+4	63	0	51	26	
	HELWAN	00	7	30	5	0	0	—	10.4	34.5	21	00	6	32	2	0	0	—	12.7	+0.4	24.9	35	+1	21	+2	62	0	126	29	143
	SUEZ	00	9	02	2	0	0	—	11.0	35.2	38	00	8	30	2	0	0	—	13.0	+1.3	26.1	36	+2	21	+1	68	0	56	17	144
UPPER EGYPT	FAIYUM	00	8	02	3	0	0	—	9.9	35.5	16	00	8	32	3	0	0	—	12.6	+0.3	25.2	36	+1	21	+2	58	0	110	8	153
	MINYA	00	9	32	4	0	0	—	10.8	37.9	26	00	9	32	3	0	0	—	11.1	−0.4	26.4	38	+2	21	+2	52	0	1		154
	ASYUT	00	8	30	3	0	0	—	7.5	37.1	16	00	7	22	1	0	0	—	10.0	−1.3	29.1	37	+1	22	+1	39	0	29	4	155
	QENA	00	9	26	2	0	0	—	—	42.6	—	00	8	24	1	0	2	1	8.7	−1.0	31.8	43	+3	23	+1	34	0	29		156
	LUXOR	00	7	18	2	0	0	—	5.6	41.8	13	00	7	22	2	0	0	—	8.6		32.2	44		22		28	0	tr.		157
	ASWAN	00	9	32	1	0	0	—	3.6	41.0	14	00	9	32	4	0	0	—	7.4	−2.2	30.5	41	0	26	+1	24	0	8		158
WESTERN DESERT	SIWA	00	8	28	3	0	0	—	12.4	39.5	39	00	7	04	2	0	0	—	14.6	+0.8	25.7	40	+3	22	+4	71	0	45	8	148
	BAHARIYA	00	9	32	1	0	0	—	11.0	37.0	24	00	9	00	0	0	0	—	12.4	−0.6	26.0	39		—		52	0	9		149
	KHARGA	00	9	32	3	0	0	—	7.4	39.4	22	00	9	32	3	0	2	1	9.2	−1.0	32.9	40	+1	27	+5	48	0	10		151
	DAKHLA	00	8	32	4	0	0	—	8.6	38.5	28	00	8	04	1	0	0	—	10.6	−0.9	31.5	40	+1	26	+5	37	0	3		152
RED SEA	TOR	00	7	28	2	0	0	—	7.4	35.9	27	00	7	28	1	0	0	—	6.8	−2.7	26.2	38	+4	24	+2		0	5	13	145
	HURGHADA	00	9	02	5	0	0	—	—	32.0	28	00	9	30	5	0	0	—	—	—	29.5	33	0	20	−2	32	0	17		146
	QUSEIR	00	8	32	3	0	0	—	6.2	32.7	50	00	8	32	3	0	0	—	6.4	−2.9	30.2	33	+1			60	0	20		147
	PORT SUDAN																										0	91	97	169
NORTH SUDAN	WADI HALFA	00	8	30	2	0	1	1,2	3	39	06	00	8	30	4	0	0	—			31					19	0	6		165
	KAREIMA	00	8	32	1	0	0	—	1	44	11	02	8	04	3	1	5	4	3		38?					09	0	3	2	166
	'ATBARA	01	8	00	2	1	4	2	1	44	15	00	8	18	3	0		4	4		34					30	0	13	7	167
	KHARTUM																										0	11	8	168
	KASSALA	02	8	20	1	1	8	2	1	44	13	01	8	16	2	1	4	4	6		29					48	0	19	26	170
CENTRAL SUDAN	WAD MEDANI	01	7	24	4	1	4	1	2	39	32	02	9	18	6	8	5	1									tr.	32	27	171
	DUEIM																										0	4	29	173
	RENK																										—	—	97	182
	ROSEIRES	00	8	16	2	1	0	—	—	32	63	02	7	18	2	5	7	8,4	9		24					84	4	92	125	172
	EL OBEID	02	9	20	4	1	6	8,4	4	35	25	02	9	20	4	1	5	4	8		27					52	0	63	39	174
	EL FASHER	02	8	02	2	1	5	2	—	39	16	01	8	00	0	1	4	1,2	—		27					28	0	17	17	175
	GENEINA											02	8	00	0	1	8		—		24								32	179
	KADUGLI	02	8	12	2	1	6	4	7	33	47																		194	187
S. SUDAN	MALAKAL	02	8	04	2	1	5	8,4,5	6	32	26	25	8	16	1	8	8	4,5	15		23					89	Tr.	344	211	176
	WAU	02	8	00	0	1	6	8,4,5	9	29	62	02	8	22	1		8	6,5	12		23						1	302	388	177
	JUBA											02	8	16	2	1	7	6,4,5	14		22					94	24	249	479	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 4th الرياح العليا يوم ٤

SALUM h m	MATRUH h m	DIKHEILA h m	PORT SAID h m	HELWAN h m	MINYA h m	ASYUT h m	ASWAN h m	WADI HALFA h m	KAREIMA h m	KHARTUM h m	KASSALA h m	EL OBEID h m	MALAKAL h m	JUBA h m
				8 h 15m		7 h m	7 h m	7 h m	7 h 15m					
				02 02 15		02 33 15	02 01 35	03 02 30	10 04 30					
				05 03 20		05 01 35	05 01 40	10 05 35	15 03 20					
				08 02 25		10 01 35	10 03 45	15 03 15						
				10 35 25		15 35 50	15 09 60	20 13 05	30 09 15					
				15 32 35		20 34 55	20 04 10	25 02 10	40 10 15					
				20 33 30		25 34 40	25 24 15	35 26 20						
				23 31 35				40 23 35						

Forecast for 24 hours from noon on

تغيرات الطقس المتوقعة في ٢٤ ساعة من ظهر يوم

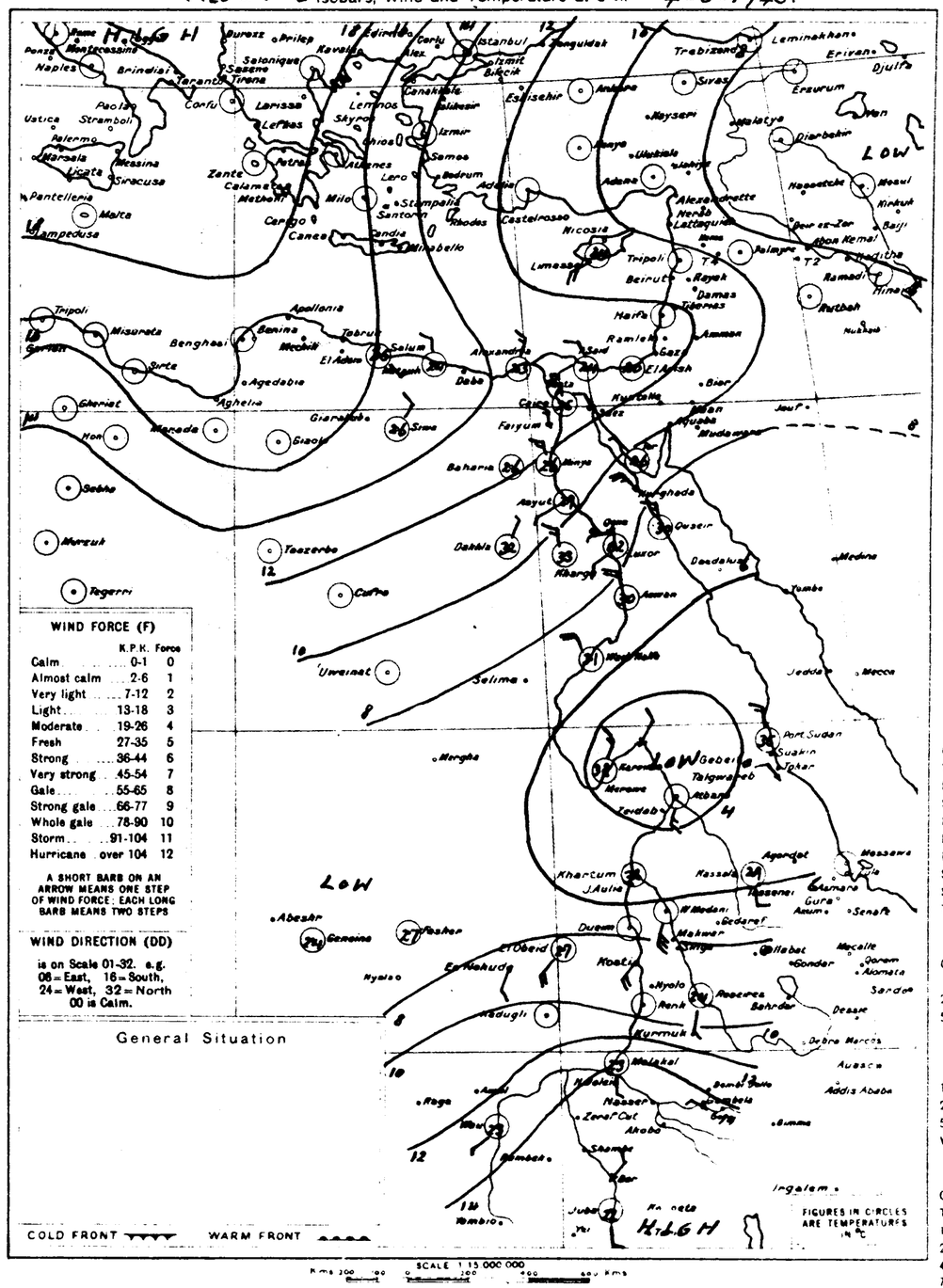
STATION	Mean of day Humidity % on 3rd	Diff. from normal	Wet Bulb Temp °C on 3rd	Diff. from normal
Alexandria	70	0	21.2	+1.2
Ezbekiya	57	+5	23.2	+3.3
Giza	42	−9	20.0	+0.3
Helwan	29	−10	19.6	+1.9

Giza Grass minimum on 4th 17.1 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1945	1946
4.6	1331	1447
3.6	1331	1447

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m
Jubba					
Nasser				7.17	−0.08
Malakal		10.52	−0.06	10.52	−0.03
Roseires				12.14	−0.29
Sennar Res				5.93	
J. Aulia U.S				371.13	
J. Aulia D.S				371.09	+0.02
Khartum				10.84	+0.34
Kh. el Girba				10.28	−0.18
Atbara				10.50	+3.46
Kajnarti				130.83	−1.09
Aswan Res.		115.20		115.46	
Aswan D.S		85.92	−0.16	85.92	−0.16
Roda (Cairo)		16.15	+0.68	16.15	+0.68



WIND FORCE (F)

	K.P.K.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick " " " "	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
" of Snow	83, 84
" of Sleet	85, 86
" of Hail	88, 89
Thunderstorm	90-99
" ended, now Rain	91
" with Hail	94-96
" with Duststorm	98
" heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 "	1
500 "	2
1 Kilometre	3
2 "	4
4 "	5
10 "	6
20 "	7
50 "	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	.
Cirro stratus	2
Cirro cumulus	.
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

At 8 h on 4th الساعة ٨ يوم

STATION	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar Pressure M.S.L. 1000+ mbs PPP	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Minimum Today °C mm	Humidity % UU	Rainfall Past 24 hrs. mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	9	22	4	0	0	—	10.0	−1.2	24		57	0	633	459
Nag Hamadi	00	8	00	0	0	0	—	9.1		30.8	40 22	39	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.4. °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

Printed by the Survey & Mines Dept 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T 100 ABROAD P.T 150

CAIRO
Time of Sunrise h 04 m 53
Sunset 18 53

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1945 ١٩٤٥ شهر يونيه

STATION	At 14 h on 4th ﺍﻟﺴﺎﻋﺔ ١٤ ﻳﻮﻡ ٤: Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S. 1000+ mbs PPP	Temp TTT	Humidity UU	At 8 h on TUESDAY 5th ﺍﻟﺜﻼﺛﺎﺀ ٥ ﺍﻟﺴﺎﻋﺔ ٨: Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ m.b.s. PPP	Diff from normal m.b.s.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff from norm °C	Minimum Today °C mm	Diff from norm °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM	00	9	04	3	0	0	—	15.4	25.2	81	00	9	04	1	0	0	—	16.4		24.9	29		19		65	0	—		130
MATRUH	00	9	02	3	0	0	—	15.8	25.3	69	00	9	32	3	0	0	—	15.6	+2.1	24.1	26	0	22	+4	81	0	111	161	131
DIKHEILA																													150
ALEXANDRIA	00	9	06	5	0	0	—	14.6	26.2	59	00	9	32	2	0	0	—	14.8	+1.4	23.6	27	−1	21	+1	72	0	260	186	132
DAMIETTA	00	7	30	3	0	0	—	12.7	24.9	58	00	7	28	3	1	2	8	12.3		23.9	26		20		68	0	110	106	159
PORT SAID	00	8	30	3	0	0	—	12.6	26.9	56	01	8	30	2	1	4	8	12.8	+0.7	23.3	29	+1	21	+2	75	0	107	80	134
EL ARISH	00	9	30	1	0	0	—	10.8	28.7	43	01	8	00	0	1	4	8	12.3	−0.1	20.2	29	+1	18	+2	62	0	318	94	135
LOWER EGYPT																													
DAMANHUR	00	6	28	3	0	0	—	13.5	28.0	33	00	7	28	3	0	0	—	13.9	+1.0	24.2	26	−4	17	0	66	0	169	101	136
MANSURA	00	8	32	2	0	0	—	13.0	31.0	27	00	8	04	2	0	0	—	13.6		23.8	32	−1	18	0	69	0	102	55	137
TANTA	00	8	28	2	0	0	—	11.4	30.8	31	00	8	28	1	1	0	—	13.9	+1.0	24.1	32	−2	15	−2	66	0	96	44	138
ZAGAZIG	00	7	28	2	0	0	—	12.4	32.2	35	00	7	32	2	0	0	—	13.8	+1.1	24.6	33	−1	16	−1	68	0	57	27	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	32	3	0	0	—	13.0	32.6	24	01	7	01	2	0	4	8	15.4		21.7	33		18		71	0	69		141
CAIRO EZBEKIYA	00	8	30	2	0	0	—	11.5	32.3	36	01	7	30	3	1	4	8	14.4	+2.2	22.6	34	0	18	−1	67	0	56	26	—
CAIRO GIZA	00	8	30	2	0	0	—	11.5	32.7	26	01	6	30	2	1	4	8	14.3	+1.7	22.4	33	−1	17	0	71	0	51	26	—
HELWAN	00	7	28	5	0	0	—	11.2	32.0	26	00	7	32	4	0	0	—	14.2	+1.9	21.3	33	−1	18	−1	67	0	126	29	143
SUEZ	00	9	32	4	0	0	—	11.5	32.7	46	01	8	30	2	1	3	8	12.7	+1.1	23.0	35	+1	19	−2	76	0	56	17	144
UPPER EGYPT																													
FAIYUM	00	8	32	3	0	0	—	11.4	33.6	23	00	8	32	4	0	0	—	14.2	+2.0	22.8	34	−1	17	−2	56	0	110	8	153
MINYA	00	9	28	3	0	0	—	11.8	36.2	23	00	9	32	3	0	0	—	12.6	+2.2	22.0	36	0	19	0	56	0	1	—	154
ASYUT	00	8	30	3	0	0	—	8.7	36.8	22	00	7	22	2	0	0	—	13.0	+1.8	23.5	37	+1	20	−1	51	0	29	4	155
QENA	00	9	06	2	1	0	—	5.8	42.0	15	00	7	30	3	0	0	—	9.5	−0.1	27.0	43	+3	23	0	41	0	29		156
LUXOR	00	7	30	3	0	0	—	6.0	41.3	13	00	7	00	0	0	0	—	10.6		31.8	44		25		25	0	tr.		157
ASWAN	00	9	32	2	0	0	—	5.5	40.0	18	00	9	32	4	0	0	—	9.4	−0.2	30.8	42	+1	28	+3	24	0	8		158
WESTERN DESERT																													
SIWA	00	8	30	3	0	0	—	14.2	34.3	39	00	7	28	2	0	0	—	17.2	+3.4	24.8	35	−2	19	+1	57	0	45	8	148
BAHARIYA	00	9	32	1	0	0	—	11.2	34.0	36	00	9	00	0	0	0	—	15.6	+2.7	23.0	36		15		59	0	9		149
KHARGA	00	9	32	4	0	0	—	8.4	38.9	46	00	9	32	3	0	0	—	12.6	+2.4	26.6	40	+1	24	+2	62	0	10		151
DAKHLA	00	9	04	2	0	0	—	9.2	38.5	27	00	8	04	1	0	0	—	13.6	+2.2	27.5	40	+1	24	+2	47	0	3		152
RED SEA																													
TOR	00	7	28	2	0	0	—	6.7	29.2	71	00	7	28	1	0	0	—	9.4	0.0	25.2	30	−3	22	0	—	0	5	13	145
HURGHADA	00	9	28	5	0	0	—	—	33.0	30	00	9	30	5	0	0	—	9.9	+0.4	28.3	35	+2	26	+4	38	0	17		146
QUSEIR	00	8	32	4	0	0	—	7.1	32.3	61	00	8	32	4	0	0	—	8.2	−1.0	28.2	34	+2			66	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WADI HALFA	01	8	30	4	1	4	1	4	42	12	00	8	30	4	0	0	—	9		31					24	0	6		165
KAREIMA	00	8	04	3	1	2	8,4	1	44	10	14	7	04	5	0	3	4	6		34					12	0	3	2	166
ATBARA	00	7	20	2	1	2	8	1	43	15	01	7	20	3	1	4	1	4		34					19	0	13	7	167
KHARTUM																										0	11	8	168
KASSALA	02	8	22	2	1	6		3	32	31	21	8	16	4	5	6	4,5	10		28					31	tr	19	26	170
CENTRAL SUDAN																													
WAD MEDANI	01	8	24	4	1	4	8	3	39	48	02	9	18	6	1	6		10		28					58	0	32	28	171
DUEIM																										0	4	29	173
RENK	00	9	18	3	0	0	—	5	33	41	02	9	18	3	2	6	8	13		23					74	—	—	99	182
ROSEIRES	01	7	12	2	1	5	2	7	31	69	02	7	10	2	5	8	6	13		22					94	tr.	92	129	172
EL OBEID	00	9	24	3	1	3	1,2	6	36	35	01	9	20	5	1	5	4	9		29					59	0	63	40	174
EL FASHER	02	8	12	1	1	5	2	—	37	08																0	17	17	175
GENEINA	01	9	12	1	1	5	8,2	—	36	22	00	8	20	3	1	2	1	—		26					51	—	—	33	179
KADUGLI	01	8	20	3	1	4	2	10	32	43	02	8	04	3	1	6	4	13		26					70	—	—	198	187
S. SUDAN																													
MALAKAL	01	8	18	3	1	5	8,4	8	32	43	02	8	04	3	6	7	6,4,8	15		23					78	tr	147 (344)	215	176
WAU	02	8	20	2	1	6	8,4	10	30	38	01	8	20	1	1	3	8	14		24					84	0	302	393	177
JUBA	02	7	16	1	1	5	8,4	11	29	59	01	8	00	0	1	4	4	15		23					89	0	249	484	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 5th ٥ يونيو

SALUM	MATRUH	DIKHEILA	CAIRO 8 h m	HELWAN 4 h 15 m	MINYA	ASYUT 7 h m	ASWAN 7 h m	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID 6 h 30 m	MALAKAL	JUBA
			02 34 25	02 36 30		02 34 30	02 36 25					06 23 25		
			05 01 15	05 01 30		05 01 40	05 36 50					10 23 35		
			10 36 35	08 01 30		10 34 50	10 35 40					15 23 65		
			11 36 45	10 01 30		15 35 20	15 33 25							
				15 36 45		20 35 35	20 02 60					40 30 35		
						23 32 75	25 17 55					50 05 35		
						25 27 75								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

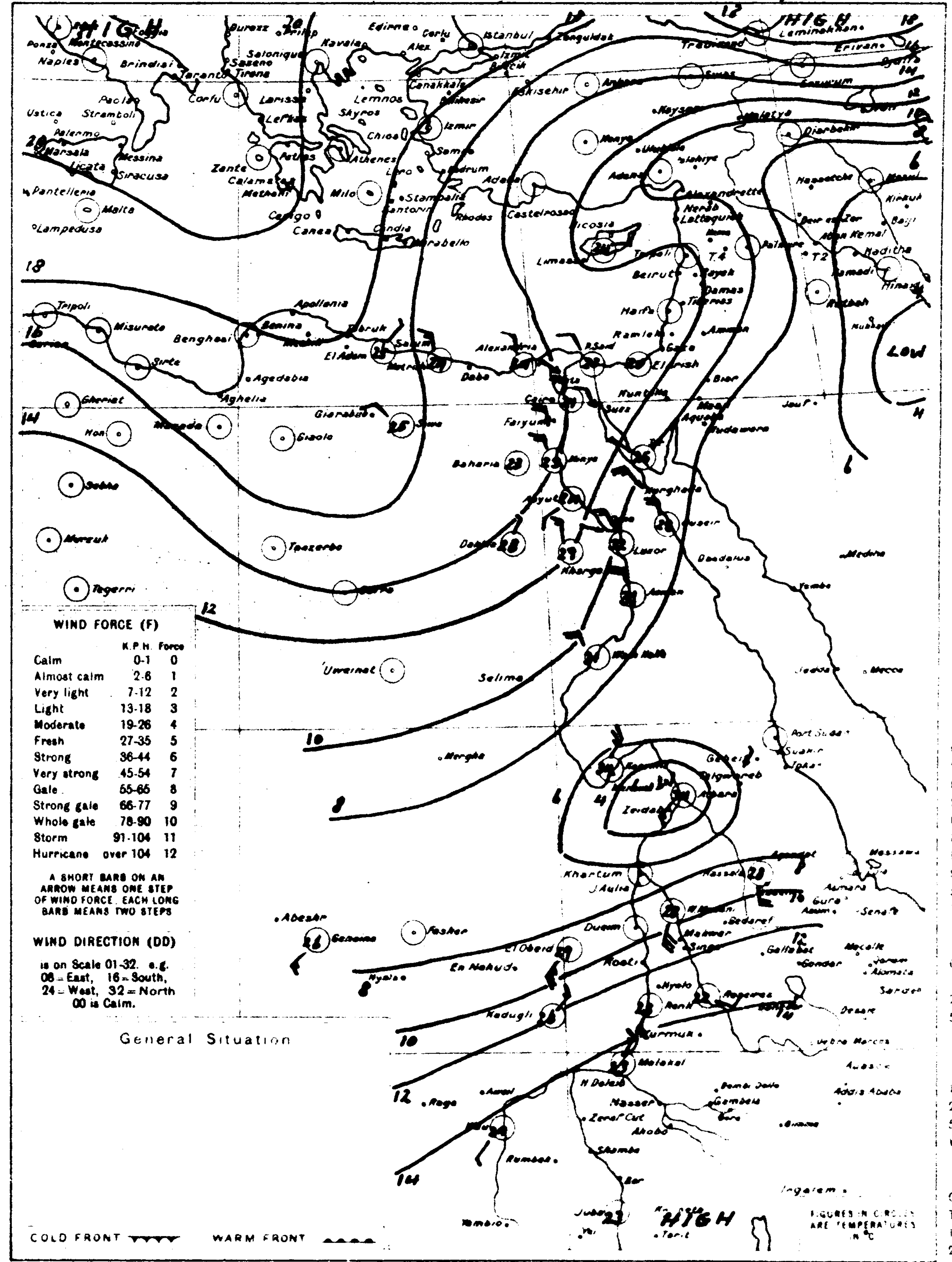
STATION	Mean of day Humidity % on 4th	Diff. from normal	Wet bulb temp. on 4th	Diff. from normal
Alexandria	67	−5	19.4	−0.7
Ezbekiya	56	0	20.2	+0.3
Giza	52	+1	19.0	−0.5
Helwan	43	+4	18.5	+0.9
Giza Grass minimum on 5th	14.3 °C			

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
5.6	1331	1447
4.6	1331	1447

GAUGE	Date 1945	Reading m	Diff. from normal m	Previous day Reading m	Previous day Diff. from normal m
Juba	5			12.50	−0.99
Nasser	6			7.06	−0.24
Malaka		10.53	−0.06	10.52	−0.06
Roseires		12.78	+0.26	12.08	−0.39
Sennar Res.				5.94	
J. Aulia U.S.				371.15	
J. Aulia D.S.				371.09	+0.01
Khartum				10.74	+0.20
Kh. el Girba					
Atbara				10.64	+0.51
Kajnarti		131.06	−0.84	130.49	−1.02
Aswan Res.		114.19		115.20	
Aswan D.S.		85.93	−0.18	85.92	−0.18
Roda (Cairo)		16.18	+0.70	16.15	+0.68

١٩٤٥-٦-٥ Isobars, Wind and Temperature at 8 h. 5-6-1945.



SCALE 1:15 000 000

STATION ﻣﺮﺻﺪ	At 8 h on 5th ﺍﻟﺴﺎﻋﺔ ٨ ﻳﻮﻡ ٥: Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ m.b.s. PPP	Diff from normal m.b.s.	Dry Bulb °C TTT	Maximum Yesterday °C	Diff from norm	Minimum Today °C	Diff from norm	Humidity UU	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	8	08	2	0	0	—	11.5	+0.4	24					78	0	633	457
Nag Hamadi	00	8	26	1	0	2	—	—	—	26.0	38		20		48	0	16	—
SHIPS ﺳﻔﻦ																		

Remarks

Water Temp. River Nile Cairo 25.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME. LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
.. of Snow	83, 84
.. of Sleet	85, 86
.. of Hail	88, 89
Thunderstorm	90-99
.. ended, now Rain	91
.. with Hail	94-96
.. with Duststorm	98
.. heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ..	1
500 ..	2
1 Kilometre	3
2 ..	4
4 ..	5
10 ..	6
20 ..	7
50 ..	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1936, 38, 5547, 1939 (30/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h 53 m
Sunset 18 h 54 m

Month JUNE 1945 ١٩٤٥ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C

DAILY WEATHER REPORT

At 14 h on 5th (الساعة ١٤ يوم ٥)

STATION	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar press M.S. 1000+ mbs PPP	Temp TTT	Humidity UU
MEDITERRANEAN										
SALUM	00	9	04	2	0	0	—	17.0	25.8	78
MATRUH	00	9	32	4	0	0	—	16.3	25.1	81
DIKHEILA										
ALEXANDRIA	00	9	02	5	0	0	—	14.8	25.0	74
DAMIETTA	00	8	28	3	0	0	—	13.6	25.5	64
PORT SAID	00	8	30	2	0	0	—	12.7	27.3	61
EL ARISH	00	9	30	1	0	0	—	11.0	28.4	47
LOWER EGYPT										
DAMANHUR	00	7	32	3	0	0	—	12.8	29.2	42
MANSURA	00	8	04	2	0	0	—	12.8	30.0	36
TANTA	00	8	28	1	0	0	—	12.4	31.0	37
ZAGAZIG	00	7	28	2	0	0	—	12.3	32.4	36
MIDDLE EGYPT										
CAIRO ALMAZA	00	8	30	3	0	0	—	13.1	31.0	32
CAIRO EZBEKIYA	00	8	30	2	0	0	—	12.2	31.4	32
CAIRO GIZA	00	8	30	2	0	0	—	12.2	31.2	24
HELWAN	00	7	30	4	0	0	—	11.6	30.6	27
SUEZ	00	9	30	3	0	0	—	12.3	30.3	51
UPPER EGYPT										
FAIYUM	00	8	32	4	0	0	—	11.9	31.7	22
MINYA	00	9	32	4	0	0	—	11.6	31.8	33
ASYUT	00	8	30	3	0	0	—	11.0	32.9	21
QENA	00	8	26	3	0	0	—	—	38.6	09
LUXOR	00	7	30	3	0	0	—	9.4	37.0	18
ASWAN	00	9	32	3	0	0	—	7.6	40.6	10
WESTERN DESERT										
SIWA	00	8	32	2	0	0	—	16.2	33.0	30
BAHARIYA	00	9	32	1	0	0	—	15.9	31.3	28
KHARGA	00	9	32	3	0	0	—	11.2	35.1	49
DAKHLA	00	9	32	3	0	0	—	12.3	34.0	36
RED SEA										
TOR	00	7	28	2	0	0	—	7.9	28.2	89
HURGHADA	00	9	02	5	0	0	—	—	31.5	30
QUSEIR	00	8	32	4	0	0	—	8.2	29.8	51
PORT SUDAN										
NORTH SUDAN										
WADI HALFA	00	8	30	4	0	0	—	6	41	07
KAREIMA	00	8	04	2	0	3	1	2	44	08
ATBARA	02	7	16	4	1	6	2	3	39	21
KHARTUM										
KASSALA	01	8	28	5	1	5	4,5	5	36	27
CENTRAL SUDAN										
WAD MEDANI	01	8	18	6	1	5	4	8	32	36
DUEIM										
RENK	03	9	16	3	1	8	7,5	10	27	55
ROSEIRES	02	7	12	2	5	6	4	12	24	89
EL OBEID	02	8	20	2	2	8	6,4	4?	36	56
EL FASHER	01	8	02	2	1	4	4	—	38	15
GENEINA	00	9	08	3	0	1	1	—	36	22
KADUGLI	02	8	20	3	1	5	4	9	33	38
S. SUDAN										
MALAKAL	10	8	20	1	5	6	8,4,1	10	31	46
WAU	02	8	22	1	1	5	8,1	10	31	36
JUBA	10	8	28	1	1	7	8,4,2	11	31	55

At 8 h on WEDNESDAY 6th (الأربعاء ٦ الساعة ٨)

STATION	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Max. Diff from norm °C	Min. Today °C	Min. Diff from norm °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	00	9	32	1	0	0	—	16.4		25.2	27		18		79	0			130
MATRUH	00	9	32	4	0	0	—	15.8	+2.3	24.7	26	0	18	0	80	0	111	161	131
DIKHEILA																			150
ALEXANDRIA	00	9	32	4	0	0	—	14.7	+1.3	23.2	27	−1	21	+1	73	0	260	186	132
DAMIETTA	00	7	26	3	1	2	8	13.1		23.9	26		20		72	0	110	106	159
PORT SAID	02	8	30	2	2	5	6	12.6	+0.8	23.9	27	−1	21	+1	71	0	107	80	134
EL ARISH	01	8	20	1	0	4	8	12.2	−0.1	20.2	29	+1	18	+2	57	0	318	94	135
DAMANHUR	00	7	32	3	0	0	—	14.0	+1.2	24.0	30	−2	17	0	66	0	169	101	136
MANSURA	00	8	32	2	0	0	—	14.2		24.0	32	−1	18	0	67	0	102	55	137
TANTA	00	8	28	2	0	0	—	14.2	+1.3	24.0	32	−2	15	−2	66	0	96	44	138
ZAGAZIG	00	7	28	2	0	0	—	13.6	+0.9	24.8	33	−1	17	0	69	0	57	27	139
CAIRO ALMAZA	00	7	30	1	2	3	6	15.1		22.7	33		18		75	0	69		141
CAIRO EZBEKIYA	01	6	26	2	0	3	8	14.2	+2.0	23.6	33	−2	19	0	68	0	56	26	
CAIRO GIZA	01	6	30	2	0	3	8	14.3	+1.8	22.4	33	−1	19	+2	77	0	51	26	
HELWAN	00	7	30	4	0	3	8	14.4	+2.2	21.0	32	−2	18	−1	75	0	126	29	143
SUEZ	00	8	28	2	0	2	8	13.9	+2.3	23.7	33	−1	20	−1	67	0	56	17	144
FAIYUM	01	8	02	3	1	4	8	14.8	+2.7	22.5	33	−2	19	0	69	0	110	8	153
MINYA	00	9	30	3	0	0	—	14.6	+3.2	22.8	34	−2	18	−1	63	0	1		154
ASYUT	00	7	28	1	0	0	—	13.8	+2.6	23.8	33	−4	19	−2	57	0	29	4	155
QENA	00	7	22	3	0	0	—	11.2	+1.7	25.1	40	0	22	−1	48	0	29		156
LUXOR	00	7	30	2	0	0	—	12.0		25.5	40		22		53	0	tr		157
ASWAN	00	9	02	2	0	0	—	9.5	0.0	27.4	41	0	24	−1	32	0	8		158
SIWA	00	7	04	2	0	0	—	16.8	+3.0	24.0	34	−3	19	+1	67	0	45	8	148
BAHARIYA	00	9	32	1	0	0	—	15.8	+2.9	23.5	33		19		49	0	9		149
KHARGA	00	9	32	4	0	0	—	13.4	+3.3	25.5	36	−3	22	0	63	0	10		151
DAKHLA	00	8	04	2	0	0	—	14.8	+3.4	26.0	36	−3	22	0	45	0	3		152
TOR	00	7	28	2	0	0	—	10.0	+0.7	24.2	30	−3	22	0	89	0	5	13	145
HURGHADA	00	9	30	5	0	0	—	11.0	+1.5	28.3	32	−2	22	0	38	0	17		146
QUSEIR	00	8	32	4	0	0	—	9.4	+0.3	28.3	32	−1			46	0	20		147
PORT SUDAN																0	91	97	169
WADI HALFA	00	8	30	4	0	1	1	10		28					22	0	6		165
KAREIMA																0	3	2	166
ATBARA	00	7	18	3	0	0	—	8		32					36	0	13	7	167
KHARTUM																0	11	8	168
KASSALA	00	8	16	3	1	3	1									0	19	27	170
WAD MEDANI	02	9	16	5	1	6	4	11		26					42	0	32	29	171
DUEIM																0	4	30	173
RENK	03	9	20	3	2	8	7	—		27								102	182
ROSEIRES	02	7	15	3	5	6	4	12		26					84	3	95	132	172
EL OBEID	01	7	24	3	1	5	4,5	10		27					66	1	64	41	174
EL FASHER																0	17	18	175
GENEINA																		34	179
KADUGLI	02	8	10	2	1	6	4	12		27					70			202	187
MALAKAL	01	8	18	1	1	4	4	12		26					74	tr	247 344	219	176
WAU																0	302	398	177
JUBA	02	8	00	0	1	6	8,4,2	14		24					84	0	249	489	178

UPPER WINDS ON 6th (الرياح العليا يوم ٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	8 h 15 m	h m	7 h m	h m	6 h 45 m	h m	h m	7 h m	7 h 15 m	h m	7 h m
				02 32 15		02 34 20					10 18 20	10 21 35		10 22 30
				05 36 25		05 36 40		15 02 50			15 17 05	15 21		15 17 10
				08 02 30		10 35 40		20 33 25			20 33 35			20 21 10
				10 36 30		15 33 35		25 29 20			25 01 20			25 21 10
				15 36 35		20 33 40		35 30 15						35 19 15
				20 36 36		30 33 35		40 28 05						40 23 15
				23 34 50				50 02 20						
				24 34 35										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 5th	Diff from normal	Wet bulb temp °C on 5th	Diff from normal
Alexandria	75	+3	20.5	+0.3
Ezbekiya	57	+5	19.4	−0.5
Giza	64	+13	19.8	+0.2
Helwan	53	+14	18.2	+0.3

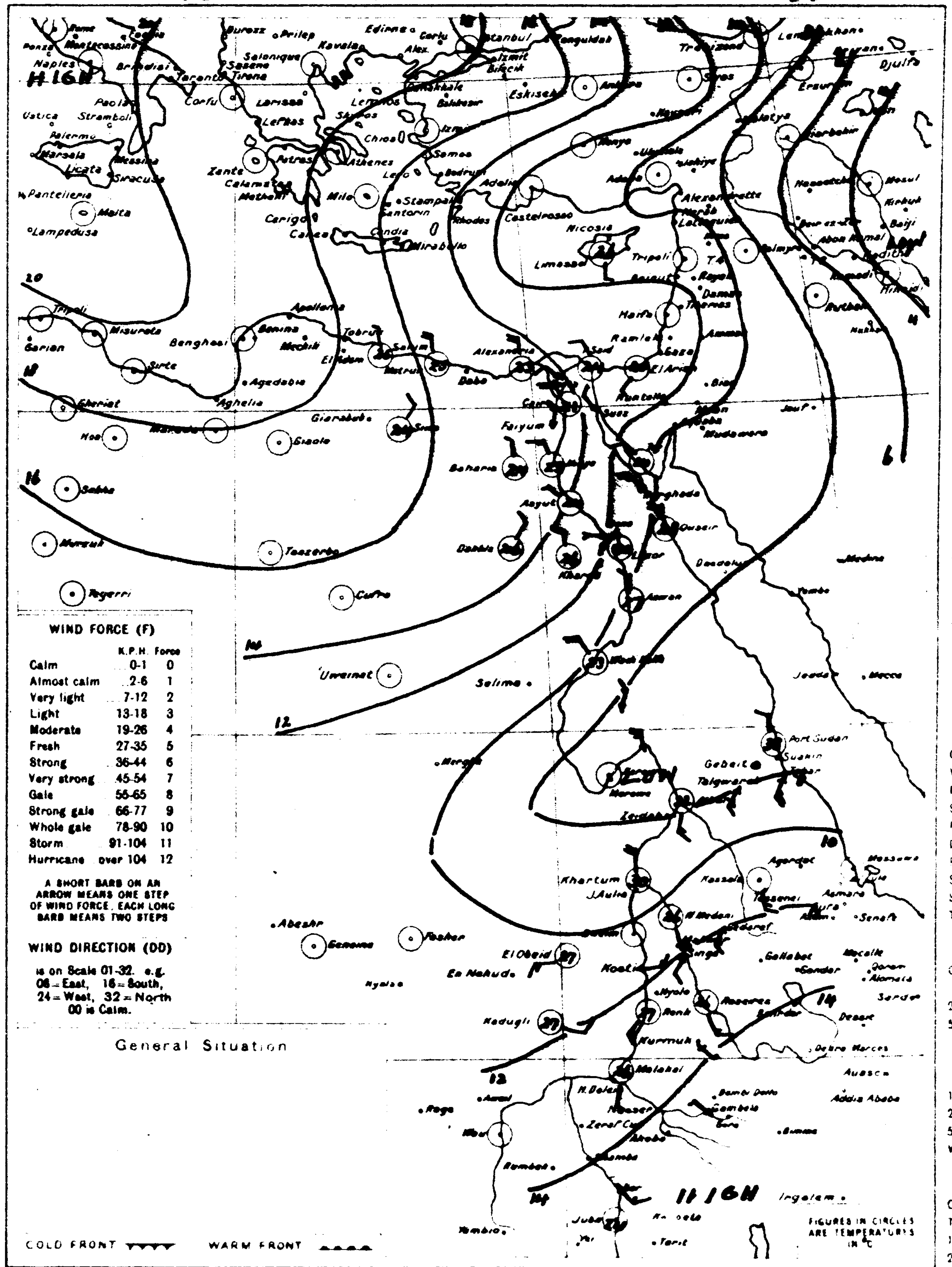
Giza Grass minimum on 6th: 16.0 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
6.6	1331	1447
5.6	1331	1447

GAUGE	Date 1945	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Juba	6/6			12.50	−0.99
Nasser				6.99	−0.37
Malakal		10.50	−0.12	10.83	−0.06
Roseires		12.70	+0.10	12.18	+0.26
Sennar Res				5.86	
J Aulia U S				371.12	
J Aulia D S				371.05	−0.04
Khartum				10.59	+0.05
Kh el Girba				10.40	−0.06
Atbara		10.58	+0.42	10.65	+0.51
Kajnarti		131.24	−0.65	131.06	−0.84
Aswan Res		114.68		114.89	
Aswan D S		85.92	−0.21	85.93	−0.18
Roda (Cairo)		16.20	+0.72	16.18	+0.74

١٩٤٥-٦-٦ Isobars, Wind and Temperature at 8 h. 6-6-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE, EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

At 8 h on 6th (الساعة ٨ يوم ٦)

STATION	Present weather ww	Visibility V	Wind Dir DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C	Max. Yesterday °C	Max. Diff from norm °C	Min. Today °C	Min. Diff from norm °C	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	8	16	1	0	0	—	10.8	−0.2	26					48	0	633	460
Nag Hammadi	00	8	26	1	0	0	—	12.2		25.0	35		19		54	0	16	—

SHIPS

Remarks

Water Temp. River Nile Cairo 25.1 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ...	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 04 h. 53 m.
Sunset 18 h. 54 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1945 ١٩٤٥ شهر يونيه

At 14 h. on 6th — الساعة ١٤ يوم ٦ | At 8 h. on Thursday 7th — الساعة ٨ الخميس ٧

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM	00	9	04	3	0	0	—	17.0	26.7	66	00	9	32	4	0	0	—	15.6		26.0	27	—	20	—	74	0		—	130
MATRÛH	00	9	32	2	0	0	—	16.2	26.1	71	00	9	32	4	0	0	—	14.7	+1.3	24.2	26	0	18	0	88	0	111	161	131
DIKHEILA																						—		—					150
ALEXANDRIA	00	9	28	5	0	0	—	14.6	26.2	64	00	9	32	4	0	0	—	13.5	+0.1	23.5	27	−1	21	+1	73	0	260	186	132
DAMIETTA	00	7	26	3	0	0	—	12.7	25.6	69	01	7	26	3	1	3	8	12.7		23.4	26	—	19	—	72	0	110	106	159
PORT SAÎD	00	8	30	3	0	0	—	12.4	26.7	63	01	8	26	3	1	4	4	11.6	−0.4	22.7	28	0	20	0	77	0	107	80	134
EL 'ARÎSH	00	9	30	1	0	0	—	12.1	27.4	63	01	9	20	1	1	3	8	11.8	−0.4	20.4	29	+1	19	+3	52	0	318	94	135
LOWER EGYPT																													
DAMANHÛR	00	7	28	3	0	0	—	13.9	29.3	42	01	7	24	3	1	3	8	12.7	0.0	24.3	29	−3	18	+1	64	0	169	101	136
MANŞURA	00	8	24	2	0	0	—	12.3	30.0	40	01	8	30	2	1	3	8	12.6		24.0	31	−2	17	−1	66	0	102	55	137
TANTA	00	8	28	3	0	0	—	12.6	30.5	36	00	8	28	1	0	0	—	12.8	0.0	24.0	31	−3	15	−2	67	0	96	44	138
ZAGÂZÎG	00	7	02	2	0	0	—	13.1	32.4	35	00	7	24	2	0	0	—	12.8	+0.2	24.2	32	−2	17	0	68	0	57	27	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	8	29	1	0	0	—	12.8	31.3	22	00	7	28	2	0	1	8	14.6		22.7	33	—	19	—	64	0	69	—	141
CAIRO EZBEKÎYA	00	8	28	2	0	0	—	11.8	31.4	29	00	7	28	2	0	0	—	13.4	+1.3	24.0	32	−3	19	0	60	0	56	26	—
CAIRO GIZA	00	8	28	2	0	0	—	11.6	32.0	30	01	6	30	1	0	3	8	13.6	+1.2	22.7	33	−1	17	0	66	0	51	26	—
HELWÂN	00	7	28	4	0	0	—	11.6	30.3	23	00	7	30	4	0	3	8	13.8	+1.6	21.9	31	−3	18	−1	64	0	126	29	143
SUEZ	00	9	32	2	0	0	—	12.8	30.4	32	01	8	32	1	1	5	8	—	—	23.3	33	−1	19	−2	65	0	56	17	144
UPPER EGYPT																													
FAIYÛM	00	8	32	4	0	0	—	12.3	30.7	25	00	8	32	3	0	1	8	14.0	+1.9	23.7	32	−4	18	−1	57	0	110	8	153
MINYA											00	9	02	3	0	0	—	13.6	+2.3	23.0	33	−3	17	−2	56	0	1	—	154
ASYÛT	00	8	28	2	0	0	—	11.1	31.8	25	00	7	30	1	0	0	—	13.5	+2.4	22.8	33	−4	19	−2	54	0	29	4	155
QENA	00	9	26	3	0	0	—	9.2	38.0	09	00	8	26	2	0	0	—	10.6	+1.2	27.0	40	0	21	−2	41	0	29	—	156
LUXOR	00	7	30	2	0	0	—	10.0	37.5	16	00	7	22	2	0	0	—	11.4		29.2	38	—	22	—	33	0	tr	—	157
ASWÂN	00	9	02	3	0	0	—	8.6	36.7	15	00	9	30	4	0	0	—	10.8	+1.4	28.0	39	−2	24	−1	30	0	8		158
WESTERN DESERT																													
SÎWA	00	8	04	2	0	0	—	16.2	33.5	40	00	7	00	0	0	0	—	16.8	+3.0	27.0	34	−3	19	+1	49	0	45	8	148
BAHARÎYA	00	9	32	1	0	0	—	14.6	32.0	28	00	9	00	0	0	0	—	13.6	+2.3	27.0	35		15?		43	0	9	—	149
KHARGA	00	9	04	3	0	0	—	11.6	34.2	48	00	9	04	3	0	0	—	13.4	+3.4	24.9	37	−2	20	−3	62	0	10		151
DÂKHLA	00	9	28	2	0	0	—	12.3	33.3	39	00	8	32	2	0	0	—	14.8	+3.4	25.0	35	−4	22	0	47	0	3	—	152
RED SEA																													
TÔR	00	7	28	2	0	0	—	9.0	27.5		00	7	28	2	0	0	—	9.6	+0.4	23.9	31	−2	22	0		0	5	13	145
HURGHÂDA	00	9	30	6	0	0	—	8.7	31.0	33	00	9	28	5	0	0	—	—	—	28.0	32	−2	25	+3	35	0	17		146
QUŞEIR	00	8	32	4	0	0	—	8.8	29.0	54	00	8	32	4	0	0	—	9.0	0.0	27.6	32	−1			55	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WÂDI HALFA	00	8	30	3	0	0	—	7	39	07	00	8	30	4	0	0	—	11		28					19	0	6	—	165
KAREIMA	00	8	02	3	0	0	—	4	43	06	00	8	04	4	0	1	4	8		32					09	0	3	2	166
'ATBARA	01	8	22	2	1	4	4	4	41	13	01	7	20	4	1	4	4,1	7		33					36	0	13	7	167
KHARTÛM																										0	11	9	168
KASSALA	02	8	32	2	1	5	8	4	37	05	01	8	24	3	0	3	1	10		27					70	dr.	19	28	170
CENTRAL SUDAN																													
WAD MEDANI	01	8									02	9	18	4	1	7	6	10		26					74	6	38	30	171
DUEIM																										0	4	31	173
RENK	01	9	20	3	1	4	7,5	7	33	41																—	—	104	182
ROSEIRES	01	8	18	2	1	4	2	8	32	31	50	7	19	3		8	5	13	—	22		—		—	100	30	125	136	172
EL OBEID	02	9	16	3	5	7	8,1	8?	27	40	02	8	16	1	1	5	5	10		25					79	tr.	64	42	174
EL FÂSHER	01	9	04	2	1	4	8,1	—	38	14	02	8	12	3	1	5	6,4,5	—		27					66	0	17	18	175
GENEINA	02	8	10	1	1	6	8,1,4,2	—	30	31	02	7	16	1	1	6	6,2	—		25					54	0	—	35	179
KADUGLI	02	8	24	3	1	6	5	9?	28	52	02	8	16	2	1	6	4	11		26					74	—	—	206	187
S. SUDAN																													
MALAKÂL	02	8	20	1	1	5	8,4	7	34	36	10	8	26	1	6	7	6,4,5	12		26					84	tr.	247	223	176
WÂU	01	8	20	2	1	5	8	9	32	46																0	302	403	177
JÛBA	02	8	00	0	1	7	8,4	11	29	59	01	8	18	2	1	4	8,4	14		25					84	dr.	498	494	178

UPPER WINDS ON 7th — الرياح العليا يوم ٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAID	HELWÂN 8 h. m.	MINYA	ASYUT 7 h. m.	ASWÂN 7 h. m.	WÂDI HALFA 6 h. 45 m.	KAREIMA 7 h. 15 m.	GENEINA 6 h. 30 m.	KASSALA 7 h. m.	EL OBEID 6 h. 30 m.	MALAKÂL 7 h. m.	JÛBA 7 h. m.
				02 30 15		02 33 35	02 35 20	10 01 45	06 03 50	10 21 15	10 17 20	10 22 20	10 21 25	10 17 25
				05 34 15		05 36 50	05 36 25	15 35 30	10 03 45	15 09 20	15 19 15	15 21 30	15 21 20	15 19 10
				08 34 15		10 35 40	10 36 40	20 35 35	15 02 45	20 08 30	20 03 20	20 21 40	26 18 15	20 19 20
				10 34 30		15 32 45	15 32 35	25 35 20	20 01 40					
				15 34 25		20 32 30	20 32 35			35 08 40		35 07 10		35 19 10
				20 32 50		30 31 35				40 09 40		40 11 10		
				22 32 40										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 6th	Diff. from normal	Wet bulb temp °C on 6th	Diff. from normal
Alexandria	73	+1	20.1	−0.2
Ezbekiya	57	+5	18.9	−1.1
Gîza	69	+18	20.2	+0.5
Helwân	51	+12	17.3	−0.6

Gîza Grass minimum on 7th 13.9 °C

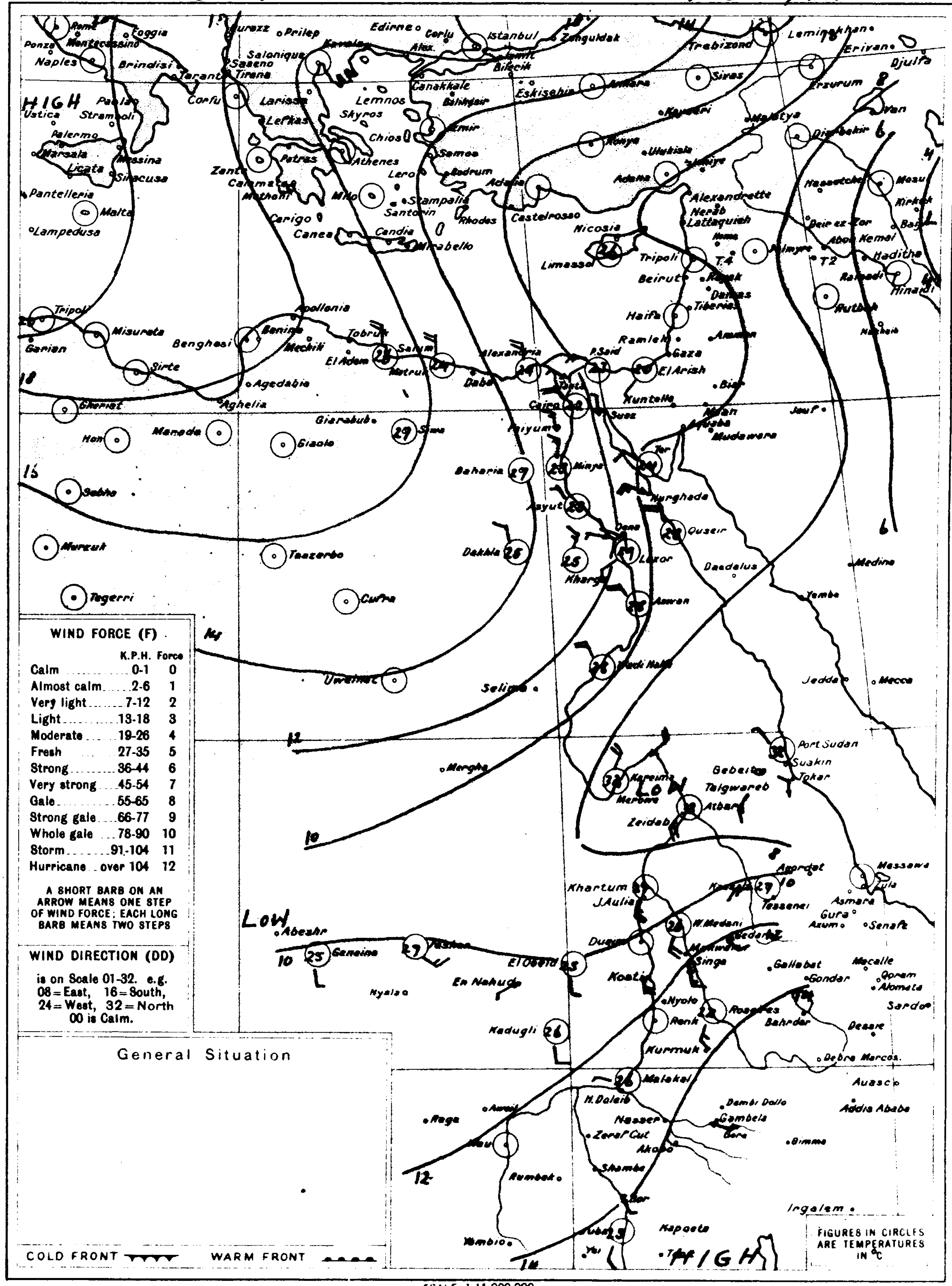
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
7.6	1389	1447
6.6	1331	1447

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba				12.50	−0.99
Nâsser				7.00	−0.43
Malakâl		10.49	−0.14	10.50	−0.12
Roseires				12.70	+0.10
Sennâr Res.	[illegible]			5.86	
J. Aulia U.S				371.10	
J. Aulia D.S	[illegible]			371.04	−0.06
Khartûm	[illegible]			10.50	−0.06
Kh. el Girba					
'Atbara				10.58	+0.42
Kajnarti				131.24	−0.65
Aswân Res.		114.43	—	114.68	
Aswân D.S.		85.86	−0.29	85.92	−0.21
Roda (Cairo)		16.20	+0.71	16.20	+0.72

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

Isobars, Wind and Temperature at 8 h. ١٩٤٥-٦-٧ 7-6-1945.



STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	9	00	0	0	2	8	10.0	−1.0	26	—	—	—	—	62	0	633	460
Nag Hamadi	00	8	26	1	0	0	—	12.7		24.2	34		19		48	0	16	—
SHIPS سفن																		

(At 8 h. on 7th — الساعة ٨ يوم ٧; STATION محطة)

Remarks

Water Temp. River Nile Cairo 25.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

CAIRO

Time of Sunrise 04 h 53 m

Sunset 18 55

Month June 1945 ١٩٤٥ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h on 7-6 ٧/٦ — At 8 h on Friday 8th ٨ الجمعة

STATION	ww	V	DD	F	W	N	C	PPP	TTT	UU	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs	Diff from normal mbs	Dry Bulb °C	Max Yesterday °C	Diff from norm °C	Min Today °C	Diff from norm °C	% Humidity	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
SALUM	00	9	04	1	0	0	—	15.1	26.9	59	00	9	24	4	0	0	—	14.0		26.6	28		19		60	0			130
MATRUH	01	9	32	3	1	4	8	14.8	26.0	78																	111	161	131
DIKHEILA																													150
ALEXANDRIA	02	9	04	5	2	5	8	14.6	25.3	75	00	9	02	1	0	0	—	12.7	-0.6	22.8	27	-1	20	0	73	0	260	186	132
DAMIETTA	00	8	32	2	1	0	—	11.6	25.9	59	01	7	18	1	1	4	8	11.6		24.3	27		18		76	0	110	106	159
PORT SAID	00	8	30	3	0	0	—	11.2	27.1	60	00	8	22	2	0	1	1	11.0	-0.9	23.4	28	0	21	+1	76	0	107	80	134
EL ARISH	00	9	30	1	0	0	—	11.0	28.4	39	01	9	30	1	1	3	8	12.0	-0.2	21.2	29	+1	18	+2	51	0	318	94	135
DAMANHUR	00	6	28	3	1	0	—	12.8	29.3	37	00	7	32	3	0	0	—	12.6	-0.1	26.3	30	-2	17	0	60	0	169	101	136
MANSURA	01	8	02	2	1	3	8	11.8	31.0	32	01	8	20	2	1	3	8	12.3		24.0	32	-1	17	-1	72	0	102	55	137
TANTA	00	8	00	0	0	0	—	10.8	31.0	37	00	8	24	2	1	0	—	11.9	-0.8	23.6	32	-2	16	-1	72	0	96	44	138
ZAGAZIG	00	7	24	2	0	0	—	12.0	31.2	37	00	7	20	2	0	0	—	13.6	+1.1	25.4	32	-2	19	+2	69	0	57	27	139
CAIRO ALMAZA	00	8	32	2	0	0	—	12.3	31.3	28	00	7	30	1	0	0	—	13.1		23.0	32		19		71	0	69		141
CAIRO EZBEKIYA	00	8	28	2	0	0	—	11.0	31.2	30	05	6	00	0	0	1	8	12.2	+0.1	23.6	32	-3	20	+1	68	0	56	26	
CAIRO GIZA	00	8	28	2	0	0	—	10.8	31.6	27	05	6	00	0	0	1	8	12.3	-0.1	23.2	32	-2	19	+2	73	0	51	26	
HELWAN	00	8	24	4	0	0	—	11.1	30.0	28	05	6	00	0	0	0	—	12.2	0.0	21.5	31	-3	18	-2	72	0	126	29	143
SUEZ	00	9	32	2	0	0	—	11.0	31.0	32	00	8	32	2	0	0	—	12.0	+0.6	23.8	32	-2	18	-3	72	0	56	17	144
FAIYUM	00	8	32	4	0	0	—	11.1	31.3	28	00	8	32	2	0	1	8	12.4	+0.4	22.8	32	-4	18	-1	69	0	110	8	153
MINYA	00	9	32	4	0	0	—	11.4	31.9	22	00	9	32	3	0	0	—	11.4	+0.2	23.7	33	-3	18	-1	63	0	1		154
ASYUT	00	8	28	2	0	0	—	11.1	32.0	24	00	7	30	1	0	0	—	12.0	+0.9	24.0	33	-4	19	-2	60	0	29	4	155
QENA	00	9	26	3	0	0	—	7.5	37.4	13	00	8	22	2	0	0	—	9.9	+0.6	29.0	39	-1	21	-2	42	0	29		156
LUXOR	00	7	30	3	0	0	—	9.2	35.5	18	00	7	22	2	0	0	—	10.8		29.5	37		22		37	0	tr		157
ASWAN	00	9	32	3	0	0	.	7.9	37.0	18	00	9	32	2	0	0	—	10.2	+0.8	28.0	39	-2	24	-1	27	0	8		158
SIWA	00	8	27	2	0	0	—	16.2	34.0	45	00	7	32	2	0	0	—	15.5	+1.7	24.0	35	-2	19	+1	67	0	45	8	148
BAHARIYA	00	9	32	1	0	0	—	13.2	31.5	40	00	9	00	0	0	0	—	14.3	+1.5	23.0	34		15		59	0	9		149
KHARGA	00	9	30	4	0	0	—	11.2	34.4	53	00	9	04	2	0	0	—	12.3	+2.3	27.0	34	-5	23	0	63	0	10		151
DAKHLA	00	9	32	3	0	0	—	11.9	34.0	36	00	8	20	1	0	0	—	13.6	+2.3	26.5	35	-4	20	-2	46	0	3		152
TOR	00	7	28	2	0	0	—	7.9	27.4	96	00	7	28	1	0	0	—	—	—	25.2	30	-3	22	-1	90	0	5	13	145
HURGHADA	00	9	30	6	0	0	—	—	31.0	33	00	9	30	4	0	0	—	10.6	+1.3	29.5	32	-2	21	-1	32	0	17		146
QUSEIR	00	8	02	4	0	0	—	8.4	29.7	49	00	8	32	3	0	0	—	9.0	0.0	29.0	31	-2	—	—	49	0	20		147
PORT SUDAN																											91	97	169
WADI HALFA	00	8	28	4	0	0	—	7	39	07	00	8	30	3	0	0	—	11		28					18	0	6		165
KAREIMA	00	8	04	2	0	2	4	5	42	06	00	8	08	2	1	1	4	10		31					16	0	3	2	166
ATBARA	00	8	22	3	1	3	8,4	3	41	18	01	8	22	4	1	5	4	8		31					38	0	13	7	167
KHARTUM																										0	11	9	168
KASSALA	01	8	00	0	1	4	8	5	36	31	01	8	02	2	2	4	2	10		28					58	0	19	29	170
WAD MEDAN																										0	38	31	171
DUEIM																										0	4	32	173
RENK																												107	182
ROSEIRES																										0	125	140	172
EL OBEID	02	9	16	2	1	6	9,4	6	33	38	02	9	18	2	1	8	9,4	10		31					79	0	64	43	174
EL FASHER	02	9	12	2	1	5	8,4	—	35	30	02	9	12	2	1	6	5	—		26					62	0	17	19	175
GENEINA																												36	179
KADUGLI																												210	187
MALAKAL																										0	147	227	176
WAU																										0	302	408	177
JUBA																										0	498	499	178

UPPER WINDS ON 8th ٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	h m	h m	h m	h m	7 h 15 m	h m	h m	7 h m	h m	7 h m	h m
								10 01 35			10 17 20		10 16 25	
								15 35 30			15 14 10		15 18 25	
								20 35 40					20 19 25	
								25 34 35					25 19 25	
								33 32 25					33 19 20	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 7th	Diff from norm	Wet bulb temp on 7th	Diff from norm
Alexandria	78	+6	20.9	+0.5
Ezbekiya	54	+2	19.5	-0.6
Giza	57	+6	19.2	-0.5
Helwan	47	+7	18.1	+0.1

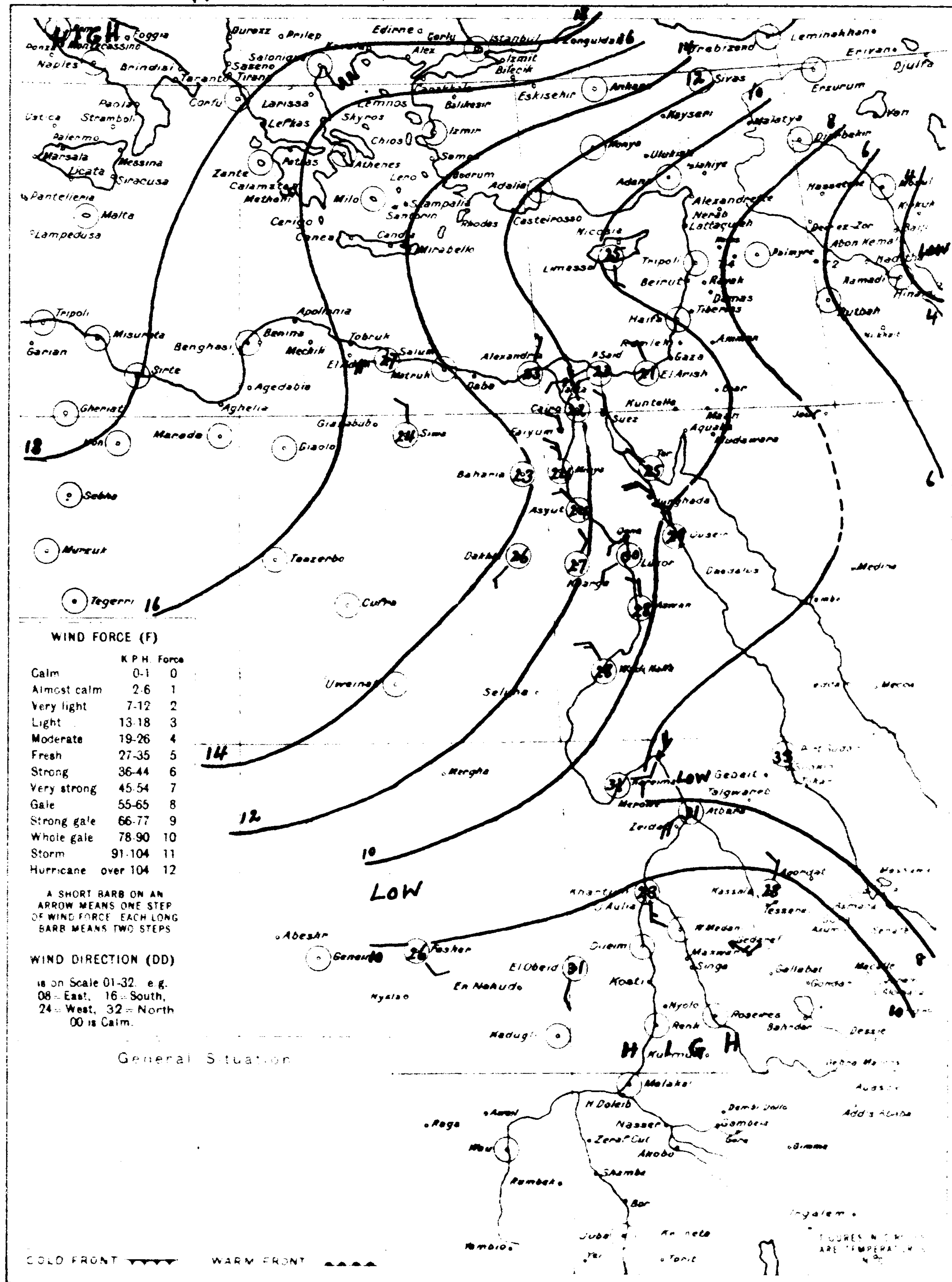
Giza Grass minimum on 8th 16.9 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1945	1944
8-6	1447	1447
7-6	1389	1447

GAUGE	Date 1945	Reading m	Diff from normal m	Previous day Reading m	Previous day Diff from normal m
Juba		12.56	-0.99	12.56	-0.99
Nasser		7.44	-0.08	7.29	-0.19
Malakal		10.48	-0.17	10.49	-0.14
Roseires		12.93	+0.16	13.04	+0.35
Sennar Res		6.14	—	5.95	—
J. Aulia U.S.					
J. Aulia D.S.					
Khartum		10.36	-0.25	10.40	-0.18
Kh. el Girba		—	—	10.30	-0.15
Atbara		10.44	+0.25	10.56	+0.32
Kajnarti		131.43	-0.44	131.32	-0.56
Aswan Res		114.75	—	114.43	—
Aswan D.S.		86.10	-0.07	85.86	-0.29
Roda (Cairo)		16.22	+0.73	16.20	+0.71

١٩٤٥-٦-٨ Isobars, Wind and Temperature at 8 h. 8-6-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS.

WIND DIRECTION (DD)

is on Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

FIGURES IN CIRCLES ARE TEMPERATURES

SCALE 1:15,000,000

At 8 h on 8th ٨

STATION	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs	Diff from normal mbs	Dry Bulb °C	Max Yesterday	Diff from norm	Min Today	Diff from norm	% Humidity	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	9	16	1	0	0	—	9.0	-1.8	25					58	0	633	460
Nag Hamadi	00	8	32	1	0	0	—	11.4		25.8	33		19		55	0	16	

SHIPS

Remarks

Water Tempt. River Nile Cairo 25.2 C°.

HOURS ARE EGYPTIAN STANDARD TIME LONG 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devil	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	15
Rain in past hour	20-29
Slight Thunderstorm	26
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	41-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69

PAST WEATHER (W)

VISIBILITY (V)

Visible not visible at ... kilometres	0
	1
	2
1 kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
	2
4, 5, 6 Tenths	4
9 Tenths	6
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro stratus	2
Cirro cumulus	
Alto cumulus	4
Alto stratus	5
Strato cumulus	
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 38 5541 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h 53 m
Sunset 18 h 55 m

Month JUNE 1945 ١٩٤٥ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 8th (الساعة ١٤ يوم ٨)

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU
MEDITERRANEAN										
SALUM										
MATRUH										
DIKHEILA										
ALEXANDRIA	01	9	30	4	2	4	4	12.0	26.0	66
DAMIETTA	00	7	28	3	1	3	8	11.0	25.9	70
PORT SAID	00	8	32	2	0	2	1	10.6	27.6	67
EL 'ARISH	00	9	30	1	0	0	—	9.6	29.7	37
LOWER EGYPT										
DAMANHUR	00	6	28	3	0	3	1	12.0	29.0	45
MANSURA	01	8	28	1	1	4	8	10.6	32.0	26
TANTA	00	8	28	2	0	0	—	10.3	33.0	27
ZAGAZIG	00	7	28	2	0	0	—	11.9	33.2	27
MIDDLE EGYPT										
CAIRO ALMAZA	00	8	26	1	0	1	8	12.0	32.7	25
CAIRO EZBEKIYA	00	8	26	2	0	0	—	10.4	31.8	24
CAIRO GIZA	00	8	26	2	0	0	—	10.7	32.8	19
HELWAN	00	8	28	1	0	0	—	10.6	31.0	18
SUEZ	00	9	32	2	0	0	—	10.4	32.2	25
UPPER EGYPT										
FAIYUM	00	8	32	3	0	0	—	10.8	31.7	20
MINYA										
ASYUT	00	8	28	1	0	0	—	10.2	32.5	22
QENA	00	9	26	2	0	0	—	8.8	36.4	22
LUXOR	00	7	26	2	0	0	—	9.1	36.0	20
ASWAN	00	9	32	2	0	0	—	7.6	38.0	19
WESTERN DESERT										
SIWA	00	8	28	2	0	0	—	15.1	33.8	57
BAHARIYA										
KHARGA	00	9	32	4	0	0	—	10.4	35.0	21
DAKHLA	00	9	28	3	0	0	—	10.4	32.3	39
RED SEA										
TOR	00	7	28	2	0	0	—	7.8	27.2	98
HURGHADA	00	9	28	4	0	0	—	9.7	31.0	33
QUSEIR	00	8	32	4	0	0	—	8.0	29.8	53
PORT SUDAN										
NORTH SUDAN										
WADI HALFA	00	8	30	4	0	0	—	8	37	13
KAREIMA	00	8	00	0	0	0	—	4	40	08
'ATBARA	01	8	24	1	0	3	4	5	40	17
KHARTUM										
KASSALA	01	8	18	1	1	4		5	37	27
CENTRAL SUDAN										
WAD MEDANI	01	8	16	3	1	4	8	6	32	36
DUEIM										
RENK	01	8	20	4	1	4	9	6?	33	36
ROSEIRES	01	7	16	2	1	4	2	—	34	
EL OBEID	01	8	20	3	1	4		7	37	33
EL FASHER	02	9	06	4	1	7	8,2	—	37	22
GENEINA	01	8	00	0	1	4	8	—	36	35
KADUGLI	02	8	20	2	8	5		10?	35	50
S. SUDAN										
MALAKAL	01	8	12	1	1	4	8	7	33	44
WAU	01	9	20	3	1	5	8,4	8	36	22
JUBA	01	8	00	0	1	4	8,4	7	37	42

At 8 h. on SATURDAY 9th (الساعة ٨ يوم السبت ٩)

Station	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALUM																		—	130
MATRUH	01	9	30	4	1	4	4	12.8	-0.5	24.0	27	+1	18	0	90	0	111	161	131
DIKHEILA																		—	150
ALEXANDRIA	01	9	32	4	1	4	1	11.8	-1.4	23.7	27	-1	21	+1	73	0	260	186	132
DAMIETTA	02	7	20	2	1	5	8	10.4		25.0	26	—	19	—	74	0	110	106	159
PORT SAID	02	8	22	3	2	5	6	10.4	-1.4	23.1	29	+1	23	+3	75	0	107	80	134
EL 'ARISH	01	9	20	1	1	4	8	10.7	-1.4	20.3	31	+3	18	+2	46	0	318	94	135
DAMANHUR	01	6	24	4	1	3	1	10.8	-1.8	25.2	31	-1	17	0	66	0	169	101	136
MANSURA	01	8	20	1	1	4	8	11.4		24.0	34	0	18	0	69	0	102	55	137
TANTA	00	8	24	1	0	0	0	11.5	-1.1	24.9	34	0	17	0	67	0	96	44	138
ZAGAZIG	01	7	28	2	1	3	8	12.0	-0.4	24.6	33	-1	19	+2	73	0	57	27	139
CAIRO ALMAZA	01	7	26	2	1	4	6	13.5		24.0	33	—	20	—	71	0	69	—	141
CAIRO EZBEKIYA	00	7	26	1	0	0	—	12.2	+0.2	24.2	34	-1	20	+1	69	0	56	26	—
CAIRO GIZA	00	7	28	2	0	1	8	12.3	0.0	24.2	34	0	18	+1	72	0	51	26	—
HELWAN	01	7	26	1	1	4	0	12.4	+0.3	22.5	32	-2	19	-1	71	0	126	29	143
SUEZ	00	8	04	2	0	0	—	11.8	+0.4	25.1	33	-1	20	-1	68	0	56	17	144
FAIYUM	00	8	00	0	0	0	—	12.8	+0.8	24.2	33	-3	18	-1	60	0	110	8	153
MINYA	00	9	28	2	0	0	—	12.7	+1.5	25.6	33	-3	18	-1	52	0	1	—	154
ASYUT	00	7	22	1	0	0	—	13.0	+2.0	26.3	33	-4	20	-1	43	0	29	4	155
QENA	00	8	26	2	0	0	—	11.4	+2.2	27.4	38	-2	21	-2	33	0	29	—	156
LUXOR	00	7	30	2	0	0	—	10.7		28.8	37	—	22	—	35	0	tr	—	157
ASWAN	00	9	32	1	0	0	—	11.5	+2.2	28.8	39	-2	23	-2	24	0	8		158
SIWA	00	7	00	0	0	0	—	13.8	+0.1	26.0	35	-2	16	-3	69	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	12.4	-0.4	26.0	36	—	15	—	52	0	9	—	149
KHARGA	00	9	04	1	0	0	—	13.0	+3.1	27.3	35	-4	20	-3	21	0	10		151
DAKHLA	00	8	04	1	0	0	—	13.8	+2.5	27.5	34	-5	20	-2	35	0	3		152
TOR	00	7	28	1	0	0	—	9.9	+0.9	25.2	30	-3	23	0	97	0	5	13	145
HURGHADA	00	9	30	3	0	0	—	—	—	29.0	33	-1	21	-1	29	0	17		146
QUSEIR	00	8	32	2	0	0	—	10.0	+1.1	28.7	31	-2			57	0	20		147
PORT SUDAN																0	91	97	169
WADI HALFA	00	8	28	4	0	0	—	12		28					18	0	6	—	165
KAREIMA	00	8	04	3	0	0	—	10		32					13	0	3	8	166
'ATBARA	00	7	28	3	0	0	—	8		33					15	0	13	7	167
KHARTUM																0	11	9	168
KASSALA	02	8	16	1	1	6	8,6,1	10		29					48	0	19	30	170
WAD MEDANI	02	9	16	5	8	6	8	8?		36					40	tr.	38	32	171
DUEIM																0	4	32	173
RENK																		109	182
ROSEIRES	03	7	12	2	5	8	6	11		24		—		—	94	tr.	125	144	172
EL OBEID	01	9	16	3	1	4	4	7		30					55	0	64	44	174
EL FASHER																0	17	19	175
GENEINA																		37	179
KADUGLI	02	8	28	2	1	6	8	—		25					84	Rain	—	214	187
MALAKAL	01	8	20	1	1	4	8,4	11		27					70	0	247	231	176
WAU	02	8	00	0	1	5	6,4	11		26					79	0	302	413	177
JUBA																3	501	504	178

UPPER WINDS ON 9th (الرياح العليا يوم ٩)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 15 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA 7 h. m.	KAREIMA 7 h. 15 m.	KHARTUM h. m.	KASSALA 7 h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA 7 h. 15 m.
				02 30 15		02 28 10	02 35 15	06 02 40	06 02 55		06 17 30			06 19 25
				05 26 10		05 01 20	05 36 30	10 01 40	10 03 35		10 17 35			10 18 25
				08 27 20		10 33 35	10 35 30	15 36 30	15 02 35		15 20 30			15 15 10
				10 29 30		15 32 35	15 32 20	20 34 35	20 32 15		20 26 10			20 18 10
				15 28 30		20 32 30	20 32 10	25 33 30	25 30 10		25 34 20			25 12 05
						25 30 50		35 36 20	30 30 10		35 03 20			35 06 15
				Ent Sc.		30 29 60		40 03 35			40 11 60			40 08 15
											50 10 45			

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 8th	Diff. from normal	Wet bulb temp. °C on 8th	Diff. from normal
Alexandria	78	+6	20.6	+0.1
Ezbekiya	57	+4	19.1	-1.1
Giza	57	+5	19.5	-0.3
Helwan	49	+9	17.5	-0.6

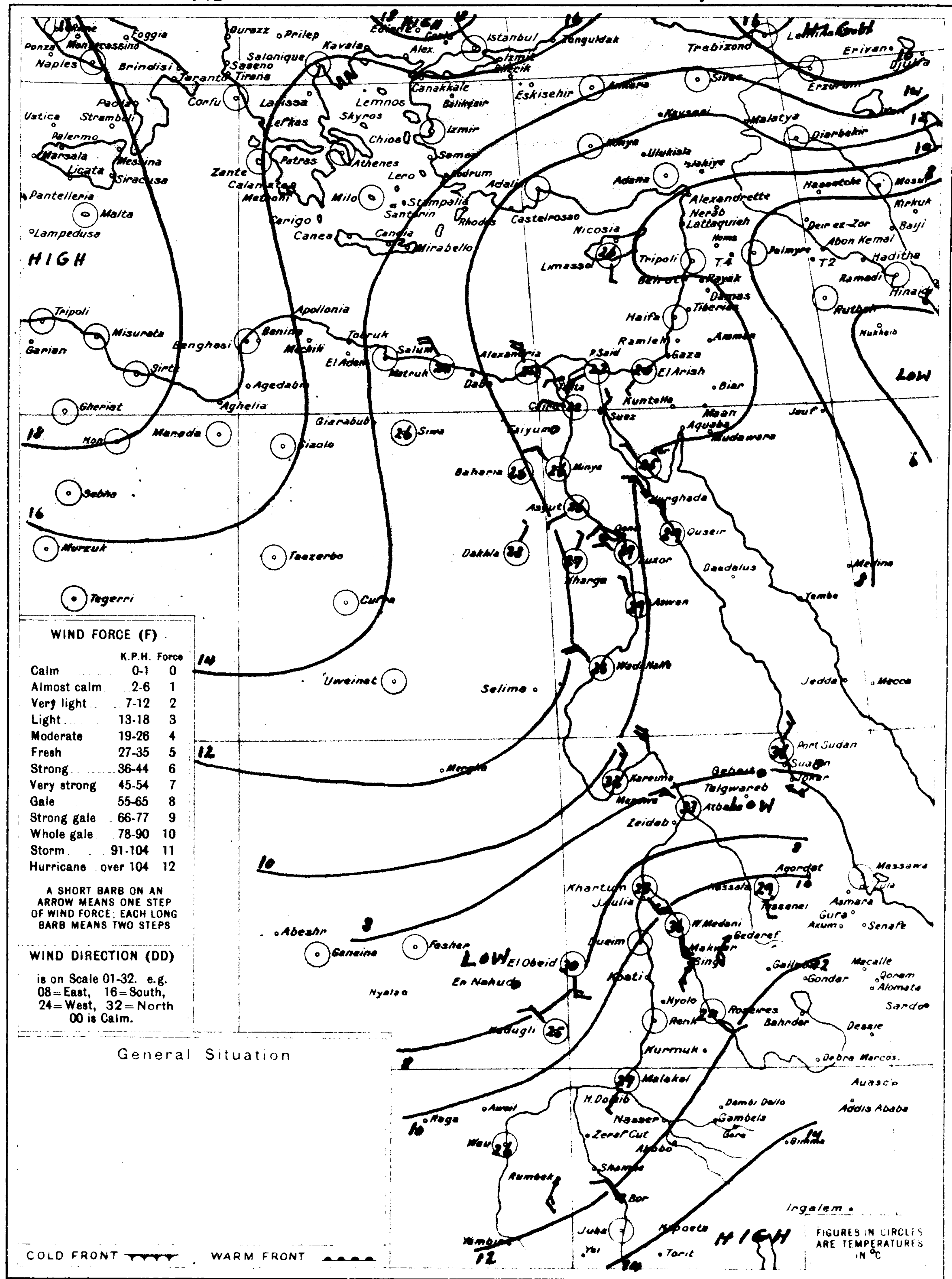
Giza Grass minimum on 9th 15.7 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
9.6	1505	1447
8.6	1447	1447

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				12.50	-0.99
Nasser				7.44	-0.08
Malakal		10.48	-0.19	10.48	-0.17
Roseires	6	14.03	+1.18	12.93	+0.18
Sennar Res.				6.14	
J. Aulia U.S	1				
J. Aulia D.S					
Khartum	9			10.36	-0.25
Kh. el Girba					
'Atbara				10.44	+0.25
Kajnarti				131.43	-0.44
Aswan Res.		113.86		114.15	
Aswan D.S.		16.19	+0.01	16.10	-0.07
Roda (Cairo)		16.22	+0.72	16.22	+0.73

١٩٤٥-٦-٩ Isobars, Wind and Temperature at 8 h. 9-6-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

At 8 h. on 9th (الساعة ٨ يوم ٩)

Station محطة	Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity	Rain past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	01	9	16	1	0	3	4	9.6	-1.2	26					55	0	633	460
Nag Hamadi	00	8	00	0	0	0	—	12.3		27.0	33		18		43	0	16	—
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 25.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100. ABROAD P.T. 150.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise h m 04.53
Sunset 18 56

Month JUNE 1945 ١٩٤٥ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 8h on 9th ٩ — At 8h on SUNDAY 10th الأحد ١٠

Station	ww	V	dd	F	W	N	h	Bar MSL	Temp	Humidity	ww	V	dd	F	W	N	h	Bar MSL	Diff	Dry Bulb	Max	Diff	Min	Diff	Humidity	Rain	Rain	Rain	No.
Salum	00	9	32	4	0	0	—	13.6	27.2	72	00	9	24	4	0	0	—	13.9	—	27.0	31		20		65	0	—		130
Mersa Matruh	01	9	30	5	1	4	4	13.4	26.0	92	00	9	28	3	0	0	—	13.2	0.0	24.0	27	+1	22	+3	77	0	111	161	131
																													150
Alexandria	01	9	30	5	2	4	1	12.3	25.7	69	01	9	30	4	2	4	8	12.0	-1.1	22.4	27	-1	20	0	71	0	260	186	132
Damietta	01	8	28	4	1	4	4	11.4	27.0	63	02	7	20	3	1	5	8	10.4		23.5	28		19		72	0	110	106	159
Port Said	01	8	28	3	1	4	3	10.0	28.3	59	01	8	24	3	1	4	3	11.2	-0.5	22.7	30	+1	20	0	73	0	107	80	134
	00	9	30	1	0	0	—	11.4	29.4	51	00	9	20	1	0	0	—	12.7	+0.7	20.2	29	+1	17	+1	62	0	318	94	135
	01	7	28	4	1	3	8	12.8	30.2	40	01	7	28	4	1	3	8	11.5	-1.0	23.3	31	-1	18	0	59	0	169	101	136
	01	8	28	2	1	4	8	10.8	31.0	34	01	8	30	1	1	4	8	11.5		23.5	32	-2	17	-1	65	0	102	55	137
	01	8	24	4	1	4	8	11.0	31.0	37	01	8	32	2	1	4	8	12.0	-0.6	23.1	32	-2	16	-1	61	0	96	44	138
	01	6	28	4	1	4	8	11.0	32.1	38	00	7	28	2	0	3	1	12.0	-0.4	23.9	32	-2	18	+1	63	0	57	27	139
	00	8	28	3	0	2	8	12.2	32.0	39	00	7	28	2	0	2	6	13.3		22.7	33		19		62	0	29		141
	01	8	26	2	0	3	8	11.0	31.5	32	00	7	28	2	0	1	6	12.6	+0.7	23.7	32	-3	19	0	55	0	56	26	
Giza	01	8	30	2	0	3	8	11.0	32.7	25	00	6	30	3	0	1	8	12.4	+0.2	23.0	33	-2	17	0	60	0	51	26	
Helwan	00	8	24	4	0	3	8	11.2	30.9	26	00	7	26	3	0	3	8	12.7	+0.7	21.1	32	-2	18	-2	65	0	126	29	143
	00	9	20	2	0	2	8	10.4	32.0	43	00	8	30	1	0	0	—	12.4	+1.1	24.3	35	+1	20	-1	64	0	56	17	144
Fayum	01	8	32	4	1	3	8	11.4	31.8	28	00	8	32	3	0	2	8	13.5	+1.6	23.8	33	-3	18	-1	60	0	110	8	153
Minya											00	9	32	2	0	0	—	13.0	+1.9	25.2	35	-1	20	0	43	0	1		154
Asyut	00	8	26	2	0	0	—	12.0	33.1	22	00	7	26	1	0	0	—	13.1	+2.2	26.5	34	-3	20	-1	34	0	29	4	155
Qena	00	9	22	2	0	0	—	10.3	36.8	15	00	8	22	2	0	0	—	11.4	+2.2	28.6	38	-2	20	-3	32	0	29		156
	00	7	26	3	0	0	—	11.6	35.5	20	00	7	26	2	0	0	—	12.2	—	31.5	38		20		31	0	tr.		157
Aswan	00	9	32	2	0	0	—	8.7	38.0	15	00	9	16	1	0	0	—	11.9	+2.7	30.0	39	-2	24	-2	36	0	8		158
	00	8	28	4	0	0	—	13.2	33.8	51	00	7	28	2	0	0	—	13.9	+2.2	25.0	35	-2	20	+1	61	0	45	8	148
	00	9	00	0	0	0	—	13.1	32.5	36	00	9	00	0	0	0	—	12.7	0.0	24.0	35		17		54	0	9		149
	00	9	32	2	0	0	—	11.8	35.7	18	00	8	04	2	0	0	—	13.2	+3.8	27.8	37	-2	20	-3	28	0	10		151
	00	9	32	2	0	0	—	12.3	35.0	35	00	8	28	2	0	0	—	13.9	+2.7	27.5	36	-3	22	0	38	0	3		152
	00	7	28	2	0	0	—	7.4	34.8	57	00	7	28	1	0	0	—	11.0	+2.0	25.8	35	+2	24	+1	92	0	6	13	145
	00	9	02	5	0	0	—	10.7	31.3	32	00	9	30	4	0	0	—	10.6	+1.5	28.0	33	-1	25	+2	38	0	17		146
	00	8	02	3	0	0	—	10.0	29.2	65	00	8	28	2	0	0	—	9.8	+1.0	30.4	31	-2	—	—	34	0	20		147
																										0	91	97	169
	00	8	28	4	0	0	—	9	38	07	01	8	30	3	1	4	1	12		29					20	0	6		165
Kareima	00	8	04	3	0	2	1	6	42	06	00	8	04	4	0	0	—	9		32					17	0	3	2	166
Atbara	00	7	30	3	0	3	4	5	42	08	02	7	02	4	1	5	4,1	7		33					13	0	13	7	167
																										0	11	9	168
	01	8	28	2	1	5	8,14	4	39	26	00	8	18	2	1	3	4	10		28					52	0	19	30	170
											01	9	20	3	1	8	3	9		27					70	9	47	33	171
																										0	4	33	173
											01	9	12	4	1	4	7,4	12		25					61	—	—	112	182
											02	7	12	2	2	7	4	11		25					84	0	125	147	172
	62	8	04	3	6	7	9,6,5	7	24	84	01	9	20	3	1	4	4,1	8		25					79	16	80	45	174
											02	9	04	2	1	8	2	—		26					70	0	17	26	175
											02	8	20	1	1	8	2	—		25					61	—	—	39	179
											02	8	28	2	1	6	8	11		25					79	—	—	218	187
											81	7	08	1	8	8	6,5	14		23					94	tr.	147	235	176
											02	8	20	2	1	6	6,4	12		28					58	0	302	418	177
																										24	525	509	178

Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres
DD is Direction East of North in tens of degrees VV is velocity in kilometres per hour

HELWAN … ASYUT … ASWAN … WADI HALFA … KAREIMA … Fasher … KASSALA … EL OBEID … Geneina … JUBA

8 30 — 7 — 7 — 7 — 7 — 7 — 7 — 7 — 7

02 31 20 — 02 35 05 02 35 10
05 31 15 — 05 35 20 05 36 20
08 30 25 — 10 31 35 10 35 35 10 03 3010 02 5510 34 0510 21 1510 31 2510 20 10
10 28 40 — 15 31 40 15 33 35 15 35 2515 02 5515 03 1515 19 2515 33 2515 09 05
15 28 40 — 20 30 50 20 31 40 20 36 2520 01 4020 07 6020 26 2520 34 1520 08 40
18 28 65 — 25 31 45 25 30 55 25 32 3525 01 3525 07 4525 26 2525 34 3025 07 30
30 30 40 — 30 28 4030 04 2530 08 25 — 30 04 0530 07 35
40 24 40 — 40 09 45 — 40 06 35
50 26 20

10th

Forecast for 24 hours from …

Station	9th		9th	
Abbassia	68	-4	20.1	-0.5
Ezbekiya	52	-1	19.5	-0.8
Giza	51	-1	19.0	-0.8
Helwan	49	+9	18.2	0.0
Giza Grass …	10th		12.9	

Discharge at Aswan in millions of cubic metres per day

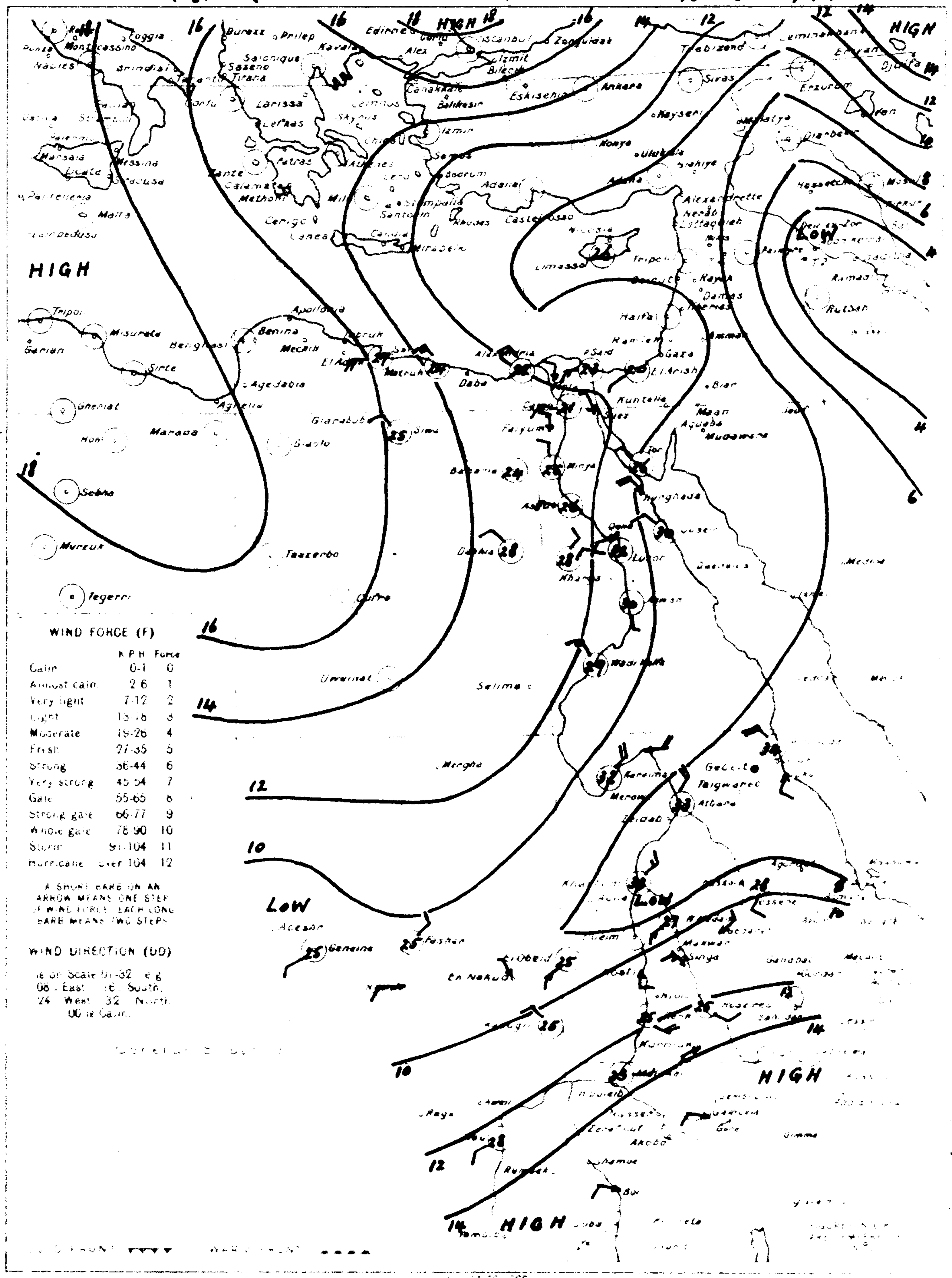
Date	1945	1944
10.6	1505	1447
9.6	1505	1447

Gauge	1945 Reading	Diff.	Previous Year Reading	Diff.
Juba			12.94	-0.55
Nasser			7.54	-0.05
Malakal	10.54	-0.15	10.48	-0.19
Roseires	13.16	+0.25	14.03	+1.18
Sennar Res			6.29	
J. Aulia U.S			371.02	
J. Aulia D.S			370.97	-0.16
Khartum			10.30	-0.33
Khashm el Girba			12.54	+2.04
Atbara	10.32	+0.11	10.38	+0.18
Kajnarti	131.93	-0.02	131.62	-0.29
Aswan Res	113.58		113.86	
Aswan D.S	86.20	0.00	86.19	+0.01
Roda (Cairo)	16.27	+0.77	16.28	+0.72

10-6

تحررت … عشر … ١٩٤٥

١٩٤٥-٦-١٠ Isobars, Wind and Temperature at 8 h. 10-6-1945



At 8h on 10th

Station	ww	V	dd	F	W	N	h	Bar MSL	Diff	Dry Bulb	Max	Diff	Min	Diff	Humidity	Rain	Rain	Rain
Limassol	01	9	00	0	0	3	—	8.4	-2.3	26	—	—	—	—	—	0	633	460
Nag Hamadi	00	8	00	0	0	0	—	11.2	—	27.0	34	—	17	—	43	0	16	—

Remarks

Water Temp.
River Nile Cairo
25.0 °C.

HOURS ARE EGYPTIAN STANDARD TIME (LONG. 30°E) AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER
Clear
Partly cloudy
Cloudy
…
Stratus

Printed by the Survey & Mines Dept. 1938 … 1939 …

CAIRO

Time of Sunrise 04.53 Sunset 18.56

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

Month JUNE 1945 1960 شهر يونيه

10th — MONDAY 11th — الاثنين 11

1960-6-11 Isobars, Wind and Temperature at 8 h. 11-6-1945

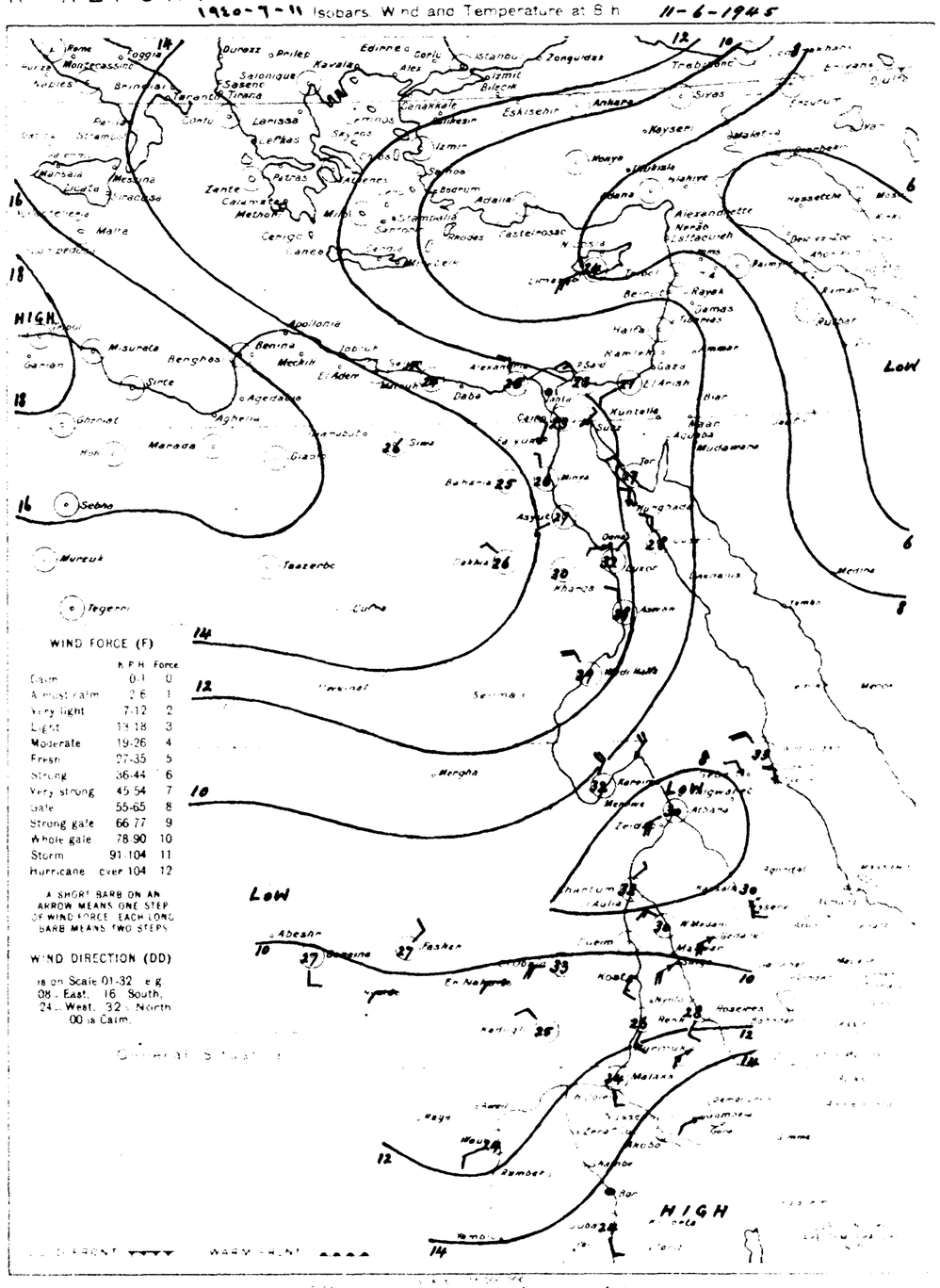
00	9	04	3	0	0	—	13.8	29.0	62																		
00	9	30	3	0	0	—	13.8	25.2	87	00	9	28	3	0	0	—	13.6	+0.4	24.2	26	0	18	-1	74	0	111	161
01	9	30	4	2	4	8	13.4	24.0	77	01	9	32	2	1	3	4	13.5	+0.4	23.0	27	-1	20	0	69	0	260	186
01	7	26	4	1	3	8	10.7	25.2	69	00	7	24	2	1	2	8	12.7	—	23.6	26		18		75	0	110	106
14	8	26	5	3	4	4	10.7	27.3	62	00	8	28	3	0	3	4	11.8	+0.1	22.7	28	-1	20	0	75	0	107	80
00	9	30	1	0	0	—	11.0	29.4	43	01	9	20	1	1	3	8	12.2	+0.3	21.4	29	+1	19	+2	47	0	318	94
01	7	28	3	1	3	8	11.0	29.6	40	00	6	32	3	0	0	—	12.6	+0.2	24.0	30	-2	17	-1	59	0	169	101
01	8	30	2	1	4	8	11.1	28.5	43	01	8	28	1	1	4	8	13.0	—	23.2	30	-4	17	-1	73	0	102	55
02	8	28	2	1	5	8	11.2	30.0	39	00	8	00	0	0	0	—	13.2	+0.7	23.8	31	-3	16	-1	69	0	96	44
01	7	32	2	1	4	8	12.3	30.2	30	00	7	24	2	0	0	—	11.5	-0.8	25.2	30	-4	17	0	69	0	57	27
00	8	28	3	0	2	8	12.4	29.9	11	00	7	28	1	0	1	8	13.8	—	22.7	31		19		70	0	69	
00	8	26	2	0	1	8	11.4	29.8	32	05	7	26	1	0	2	8	13.5	+1.7	22.7	31	-4	19	0	68	0	56	26
00	8	30	2	0	1	8	11.2	31.8	26	00	6	30	1	0	0	—	13.5	+1.3	22.3	32	-3	17	0	74	0	51	26
00	9	24	4	0	0	—	11.4	28.8	24	05	5	00	0	1	4	0	13.2	+1.2	22.6	30	-4	17	-3	71	0	126	29
00	9	20	2	0	1	8	10.7	30.7	35	00	8	04	1	0	2	8	13.5	+2.2	23.9	33	-1	19	-2	72	0	56	17
00	8	32	4	0	0	—	12.0	30.0	32	00	8	02	2	0	0	—	13.5	+1.7	22.8	32	-4	18	-1	69	0	110	8
										00	9	32	1	0	0	—	13.0	+2.0	25.9	34	-2	18	-2	51	0	1	
00	8	26	3	0	0	—	11.4	32.0	24	00	7	20	1	0	0	—	13.5	+2.6	27.3	33	-4	19	-2	35	0	29	4
00	9	26	2	0	0	—	8.7	35.6	18	00	8	24	1	0	0	—	12.7	+3.6	28.0	37	-3	20	-3	36	0	29	
00	7	29	2	0	0	—	9.1	36.0	20	00	7	04	1	0	0	—	13.2	—	31.8	37		23		27	0	Tr.	
00	9	28	3	0	0	—	—	36.6	16	00	9	32	2	0	0	—	12.6	+3.4	28.0	37	-4	23	-3	22	0	8	—
00	8	28	4	0	0	—	15.6	33.5	47	00	7	00	0	0	0	—	15.2	+1.5	25.8	35	-2	20	+1	61	0	46	8
00	9	00	0	0	0	—	13.2	32.0	33	00	9	00	0	0	0	—	14.2	+1.5	25.0	35		16		61	0	9	
00	9	28	4	0	0	—	11.6	35.3	16	00	9	00	0	0	0	—	13.4	+3.6	30.4	37	-2	22	-1	29	0	10	—
00	8	28	4	0	0	—	12.2	34.5	34	00	8	28	1	0	0	—	14.6	+3.4	26.0	36	-3	26	-2	30	0	3	
00	7	28	1	0	0	—	10.3	28.1	—	00	7	28	1	0	0	—	11.4	+2.5	26.6	30	-3	22	-1	97	0	5	13
00	9	02	3	0	0	—	11.0	32.0	33	00	9	30	5	0	0	—	—	—	28.0	33	-1	21	-2	44	0	17	—
00	8	04	3	0	0	—	10.0	30.8	60	00	8	32	2	0	0	—	11.1	+2.4	28.3	32	-1	—	—	56	0	20	—
																									0	91	97
00	8	28	5	0	0	—	9	38	09	00	8	30	4	0	0	—	13		29					25	0	6	
14	7	04	5	0	0	—	6	41	08	00	8	02	4	0	0	—	10		32					18	0	3	2
01	7	32	4	1	3	4	4	41	06	01	7	20	4	1	3	4	8		30					18	0	13	7
																									0	11	10
00	8	14	1	0	0	—	4	38	29	00	8	16	3	0	0	—	9		30					55	0	19	31
02	8	24	4	1	6	1	4	40	17	01	9	28	3	1	5	1	9		30					55	0	47	34
																									0	4	34
00	9	20	3	0	0	—	7	34	36	03	9	18	3	1	8	9	11		26					79	—	—	115
00	7	18	2	1	0	—	8	32	67	02	7	18	2	2	6	4	11		28					79	0	125	151
01	9	00	0	1	5	9,4	6	35	25	01	8	24	4	0	3	1	10		33					47	0	80	46
02	8	04	3	1	6	4	—	36	27	01	8	04	2	1	3	4	—		27					66	0	17	20
02	9	02	2	1	7	8	—	37	17	01	9	16	2	1	5	4	—		27					58	—	—	41
01	8	24	2	1	5	9	9	32	43	02	8	28	2	1	6	8	11		25					84	—	—	222
02	8	20	6	1	5	8,4	10	29	70	02	8	16	1	1	7	8,4	13		24					89	1	148	239
02	8	22	3	1	5	8,4	10	28	66	02	8	22	2	1	7	4,	11		24					69	0	302	423
02	8	02	2	6	8	9,4	12	26	79	02	8	14	1	1	8	6,4	14		24					94	1	526	514

Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres DD is direction East of North in tens of degrees VV is velocity in kilometres per hour

Kassala	El Merwan	Wadi Halfa	Aswan	Wadi Kena	Genaina Fashoda	Kassala	El Obeid	Malakal	Juba
	8		7	7	7	7	7	7	7
	02 31 10		02 25 15	02 01 10	10 28 20	10 04 10	10 19 30	10 24 20	10 21 20
	05 36 10		05 18 05	05 01 30	15 23 25	15 06 30	15 24 31	15 24 20	15 21 20
	08 30 10		08 35 15	10 36 60	25 09 10	20 08 55	20 25 20	20 29 45	40 04 55
	10 29 10		10 32 30	15 36 35		30 07 40		25 29 20	30 06 40
	15 24 10		15 32 45	20 35 35		40 07 45			40 05 55
	20 29 30		20 32 20						
	23 30 35		25 32 55						
	25 30 35								
	29 31 35								

Max. Min. Reading Previous Day

	10th	10th	1945			
Kena	74 +2	19.9 -0.8	Giza			
Kharga	48 -5	18.5 -1.9	Nasser			7.63 -0.01
Giza	51 -1	18.8 -1.1	Malakal	10.55	-0.16	10.54 -0.15
Helwan	50 +10	17.0 -1.3	Roseires	13.13	+0.18	13.16 +0.25
Giza	11th	14.5	Sennar Dis			6.41
			Jebel Auliya U.S.			371.06
			Jebel Auliya D.S.			371.00 -0.14
			Khartoum			10.26 -0.40
			Khartoum D.S.			12.44 +1.89
			Attara			10.32 +0.11
			Rajaf			131.98 -0.02
	1945	1944	Aswan Res.	113.31		113.58
11-6	1505	1505	Aswan D.S.	86.20	-0.02	86.20 0.00
10-6	1505	1447	Roda (Cairo)	16.27	+0.76	16.27 +0.77



Station			Weather	Visibility	Wind DD	Wind F	Past Weather	Cloud	Bar. Pressure Max.	Bar. Pressure Min.	Bar. Pressure Mean	Temperature Dry Bulb	Temperature Wet Bulb	Temperature Max.	Temperature Min.	Temperature Mean	Humidity	Rainfall	
Limassol	00	9	22	5	0	1	8	8.6	-2.1	24	—	—	—	—	84	11	644	461
H. Hamadi	00	8	00	0	0	0	—	13.4	—	28.0	33	—	16	—	39	0	16	—

Water Temp. River Nile Cairo 26.1 °C.

HOURS ARE EGYPTIAN STANDARD TIME LONG DATE AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER

Clear
Fog
Haze
Mist
Dust
Sand
Drizzle
Rain
Snow
Hail
Thunder
Lightning
Squall
Dust storm
Sand storm
Cirrus
Cirro-stratus
Cirro-cumulus
Alto-stratus
Alto-cumulus
Nimbo-stratus
Cumulus
Cumulus nimbus
Stratus

Printed by the Survey & Map Office, Cairo 1959 (39 ...)

ANNUAL SUBSCRIPTION INLAND POSTAGE ... ASCAL ...

CAIRO
Time of Sunrise 04 h 53 m
Sunset 18 h 56 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1945 ١٩٤٥ شهر يونيه

At 14 h on 11th ١١ الساعة ١٤ يوم — At 8 h on TUESDAY 12th الساعة ٨ يوم الثلاثاء ١٢

Station	14h Present Weather ww	14h Visibility V	14h Wind Dir DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs PPP	14h Temp TTT	14h Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C	Diff. from norm. °C	Min. Today °C	Diff. from norm. °C	Humidity UU	Rainfall Past 24 hrs mms	Rainfall Total from Oct 1 mms	Rainfall Normal from Oct 1 mms	Station Number
Mediterranean																													
SALUM																													130
MATRUH	00	9	30	4	0	0	—	13.6	25.8	76	00	9	30	3	0	0	—	15.1	+2.0	23.7	26	0	18	−1	79	0	111	161	131
DIKHEILA																													150
ALEXANDRIA	00	9	30	4	0	0	—	13.9	25.2	53	00	9	26	1	0	0	—	14.8	+1.8	23.0	27	−1	23	+3	66	0	260	186	132
DAMIETTA	00	7	28	3	1	0	—	12.7	25.0	61	01	8	20	1	1	3	8	14.0		23.6	26		17		72	0	110	106	159
PORT SAID	00	8	30	3	0	0	—	12.3	27.0	57	01	8	28	2	1	4	8	13.6	+2.0	23.2	28	−1	19	−1	70	0	107	80	134
EL ARISH	00	9	30	1	0	0	—	—	29.4	43	01	9	30	1	1	3	8	12.4?	+0.6	20.4	29	+1	17	0	59	0	318	94	135
Lower Egypt																													
DAMANHUR	00	7	28	3	0	0	—	12.6	29.2	40	00	6	28	3	0	0	—	13.9	+1.6	23.7	29	−3	17	−1	68	0	169	101	136
MANSURA	01	8	24	2	1	3	8	12.3	30.0	36	01	8	04	1	1	3	8	14.4		24.5	31	−3	17	−1	64	0	102	55	137
TANTA	00	8	28	1	0	0	—	12.2	31.0	37	00	8	00	0	0	0	—	14.7	+2.3	24.0	32	−2	15	−2	63	0	96	44	138
ZAGAZIG	00	7	32	2	0	2		12.8	31.8	31	00	7	28	2	0	0	—	14.3	+2.1	23.9	32	−2	17	0	62	0	57	27	139
Middle Egypt																													
CAIRO ALMAZA	00	8	29	2	0	3	1	13.5	30.9	26	00	7	04	1	0	1	1	15.1		24.0	32		19		61	0	69		141
CAIRO EZBEKIYA	01	7	24	3	0	4	1	12.4	30.5	26	05	7	02	2	0	1	1	14.2	+2.4	24.5	32	−3	19	0	57	0	56	26	
CAIRO GIZA	01	8	26	2	1	5	1	12.8	32.2	19	05	5	04	1	0	0	—	14.2	+2.0	22.9	33	−2	17	0	66	0	51	26	
HELWAN	00	9	24	1	0	3	3	12.6	29.8	23	00	7	02	2	0	0	—	13.8	+1.9	23.7	32	−2	18	−2	54	0	126	29	143
SUEZ	00	9	16	1	0	1	8	12.4	29.8	42	00	8	32	2	0	0	—	14.0	+2.8	25.1	33	−1	20	−1	61	0	56	17	144
Upper Egypt																													
FAIYUM	01	8	30	3	1	4	2	12.4	30.0	29	00	8	02	2	0	0	—	14.6	+2.9	23.9	32	−4	18	−1	53	0	110	8	153
MINYA	′										00	9	02	2	0	0	—	14.4	+3.4	25.8	35	−1	19	−1	51	0	1	—	154
ASYUT	00	8	26	2	0	0	—	12.0	33.1	26	00	7	28	1	0	0	—	13.4	+2.6	26.5	34	−3	19	−2	46	0	29	4	155
QENA	00	9	26	3	0	0	—	13.1	35.6	20	00	8	24	1	0	0	—	11.8	+2.8	27.6	37	−3	21	−2	44	0	29	—	156
LUXOR	00	7	30	2	0	0	—	13.0	35.5	22	00	7	26	2	0	0	—	12.6		31.3	37		20		28	0	tr		157
ASWAN	00	9	32	3	0	0	—	10.0	37.0	14	00	9	00	0	0	0	—	11.4	+2.3	29.0	37	−4	24	−2	29	0	8		158
Western Desert																													
SIWA	00	8	28	4	0	0	—	14.6	33.0	44	00	7	00	0	0	0	—	15.6	+2.0	26.5	35	−2	21	+1	53	0	45	8	148
BAHARIYA	01	9	32	1	1	4	—	12.7	33.0	42	00	9	00	0	0	0	—	14.3	+1.7	24.0	36		—		53	0	9		149
KHARGA	00	9	32	3	0	0	—	11.8	35.9	21	00	9	02	3	0	0	—	13.1	+3.4	30.9	37	−2	24	+1	31	0	10		151
DAKHLA	00	9	28	2	0	0	—	12.4	35.0	19	00	8	00	0	0	0	—	14.0	+2.8	30.0	37	−2	24	+2	28	0	3		152
Red Sea																													
TOR	00	7	28	1	0	0	—	10.2	28.9	85	00	7	28	1	0	0	—	11.9	+3.1	25.1	30	−3	19	−4	97	0	5	13	145
HURGHADA	00	9	02	5	0	0	—	11.0	32.3	37	00	9	30	5	0	0	—	12.3	+3.4	27.3	33	−1	19	−4	48	0	17		146
QUSEIR	00	8	32	4	0	0	—	10.8	29.3	57	00	8	30	2	0	0	—	10.7	+2.1	28.4	31	−2			44	0	20		147
PORT SUDAN																										0	91	97	169
North Sudan																													
WADI HALFA	00	8	30	4	0	0	—	9	36	12	00	8	30	1	0	0	—	12		28					27	0	6		165
KAREIMA	00	8	04	5	0	0	—	7	39	10	00	8	02	4	0	1	4	9		32					16	0	3	2	166
ATBARA	00	7	04	2	1	0	—	5	40	10	01	7	32	4	1	3	1	7		31					18	0	13	7	167
KHARTUM																										0	11	10	168
KASSALA	02	8	14	2	0	5	8,4,3	4	38	29	01				1	5	4	8								0	19	32	170
Central Sudan																													
WAD MEDANI	01	8	32	2	1	5	1	4	40	08	01	9	18	2	1	5		9		27						0	47	35	171
DUEIM																										0	4	35	173
RENK	01	9	24	3	1	4	9	8	35	39	02	8	16	3	2	6	9	11		24					89			117	182
ROSEIRES	01	7	20	2	1	5	2	8	33	62	01	8	14	2	5	5	4	11		24					84	1	126	155	172
EL OBEID	01	8	04	3	1	4	4,1	7	36	27	01	8	13	3	1	4	1									0	80	47	174
EL FASHER	02	8	04	4	1	8	4,1	—	37	27	00	8	02	2	0	3	4	—		28					58	0	17	21	175
GENEINA	01	8	12	1	1	4	8,4	—	36	22	00	8	00	0	1	2	4	—		27					55	—	—	42	179
KADUGLI	01	8	24	3	1	4	4	8	33	47	01	8	12	2	1	4	2	13?		25					79	—	—	226	187
S. Sudan																													
MALAKAL	62	7	28	2	6	8	6,4,5	11	24	65	62	7	10	4	6	8	6,4,5	13		21					83	9	157	243	176
WAU	02	8	00	0	1	8	8,4,5	11	28	70	02	8	00	0	1	7	4,5	11		24					89	0	302	428	177
JUBA	61	7	32	2	3	8	8,9,6	14	23	94	43	3	16	2	4	8	6	14		22					88	tr	526	519	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 12th ١٢ يونيه

Salum	Matruh	Dikheila	Port Said	Helwan 8h 15m	Minya	Asyut 7h	Aswan 7h	Wadi Halfa 7h 30m	Kareima	FASHER 7h	Kassala 7h	El Obeid 7h 15m	Malakal	Juba
				02 05 20		02 35 05				10 17 10	10 21 20	10 21 20		
				05 03 10		05 36 25	05 01 25	15 36 30			15 29 15	15 23 30		
				08 31 10		10 34 30	10 35 40	20 36 40			20 36 20	20 21 40		
				10 31 20		15 33 45	15 36 30	25 35 15						
				15 29 20		20 32 45	20 36 30	30 31 15			35 01 30			
				20 32 25		25 31 45		35 26 10						
				23 31 25		30 29 50								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 11th	Diff. from normal	Mean of day Wet bulb temp. on 11th	Diff. from normal
Alexandria	65	−7	18.4	−2.4
Ezbekiya	50	−3	18.5	−1.9
Giza	55	+3	18.5	−1.5
Helwan	43	+3	17.5	−0.8

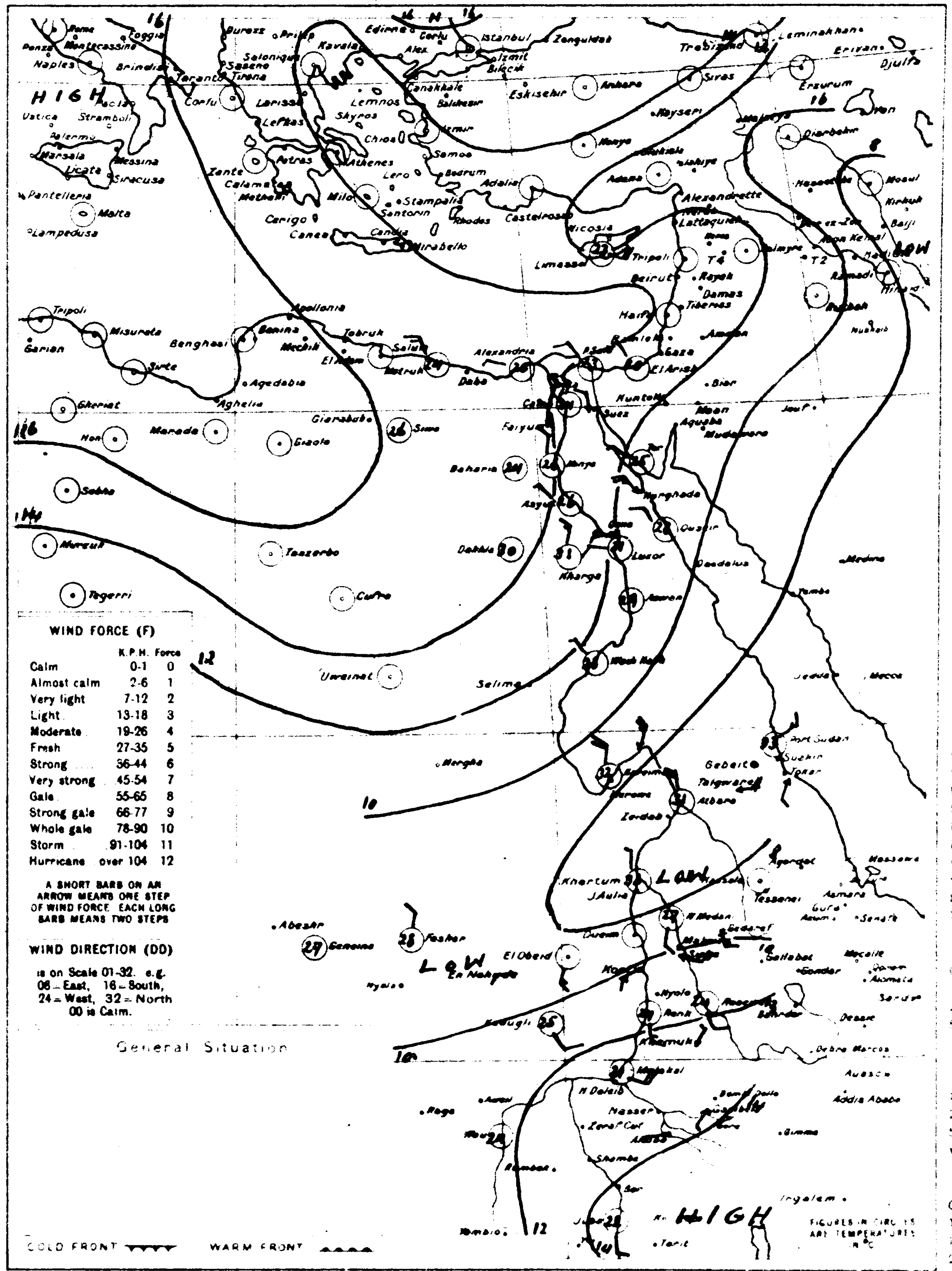
Giza Grass minimum on 12th 14.1 °C

Discharges at Aswan measured by sluices m³ per sec.

Date	1945	1944
12.6	1505	1505
11.6	1505	1506

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	12.6			12.82	−0.66
Nasser				7.67	−0.03
Malakal		10.58	−0.14	10.55	−0.16
Roseires		13.90	+0.90	13.13	+0.18
Sennar Res				6.75	
J. Aulia U.S.				371.06	
J. Aulia D.S.				371.01	−0.14
Khartum				10.24	−0.45
Kh. el Girba				12.40	+1.70
Atbara				10.28	+0.06
Kajnarti					
Aswan Res		113.06		113.31	
Aswan D.S.		86.20	−0.04	86.20	−0.02
Roda (Cairo)		16.29	+0.78	16.27	+0.76

١٢-٦-١٩٤٥ Isobars, Wind and Temperature at 8 h. 12-6-1945.



At 8 h on 12th ١٢ الساعة ٨ يوم

Station	Present Weather ww	Visibility V	Wind Dir DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb TTT	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity UU	Rainfall Past 24 hrs	Rainfall Total from Oct 1	Rainfall Normal from Oct 1
Limassol	00	9	10	3	0	0	—	12.6	+2.0	23					65	0	644	461
Nag Hamadi	00	8	00	0	0	0	—	13.5	·	26.3	34		14		47	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

- Clear 00
- Partly cloudy 01
- Cloudy 02
- Overcast 03
- Low Fog 04
- Thin Haze 05
- Dust Devils 06
- Distant Lightning 07
- Light Mist or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 16
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-65
- Rain and Fog 67
- Rain and Snow 68-69
- Snow 70-75
- Showers 80-89
- of Snow 83, 84
- of Sleet 85-86
- of Hail 88-89
- Thunderstorm 90-99
- with Hail 94
- with Duststorm 98
- heavy with Hail 99

PAST WEATHER (W)

- Clear, slight cloud 0
- Variable sky 1
- Mainly overcast 2
- Sandstorm, Duststorm 3
- Fog, thick dust haze 4
- Drizzle 5
- Rain 6
- Snow, sleet 7
- Showers 8
- Thunderstorm 9

VISIBILITY (V)

- Objects not visible at 50 metres 0
- 200 1
- 500 2
- 1 Kilometre 3
- 2 4
- 4 5
- 10 6
- 20 7
- 50 8
- Visible over 50 kms 9

CLOUD AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

CLOUD FORM (C)

- Cirrus
- Cirro stratus
- Cirro cumulus
- Alto cumulus 4
- Alto stratus
- Strato cumulus
- Nimbo stratus 7
- Cumulus
- Cumulo nimbus
- Stratus

ANNUAL SUBSCRIPTION INLAND POST P.T. ... ABROAD P.T. ...

Printed by the Survey & Mines Dept. 1938 (38 5547) 1939 (39/777)

CAIRO
Time of Sunrise 04h 53m
Sunset 18 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1945 ١٩٤٥ شهر يونيه

STATION	At 14 h on 12th ١٢ — ww	V	Wind DD	F	Past Weather W	Cloud Amount N	Form C	Bar Press M.S. 1000+ mbs PPP	Temp TTT	Humidity UU	At 8 h on WEDNESDAY 13th ١٣ الأربعاء — Present Weather ww	Visibility V	Wind Dir DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar Pressure M.S.L. 1000+ mbs	Diff from normal mbs	Dry Bulb °C	Max Yesterday °C	Diff from norm °C	Min Today °C	Diff from norm °C	Humidity	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM	00	9	32	1	0	0	—	15.6	27.0	72																			130
MATRUH	00	9	32	3	0	0	—	15.9	26.2	73	01	9	28	2	1	3	8	14.8	+1.8	24.2	27	+1	18	-1	80	0	111	161	131
DIKHEILA																													150
ALEXANDRIA	01	9	32	3	2	4	4	15.4	25.4	58	00	9	00	0	0	0	—	14.7	+1.8	24.0	27	-1	21	+1	75	0	260	186	132
DAMIETTA	00	8	30	3	1	2	4	13.6	25.5	60	01	8	30	1	1	3	8	13.5		24.8	27	—	18	—	74	0	110	106	159
PORT SAID	00	8	30	3	0	3	5	13.6	26.9	56	01	8	30	2	1	4	8	13.5	+2.0	23.7	27	-2	21	+1	71	0	107	80	134
EL ARISH	00	9	30	1	0	0	—	12.3	28.7	47	01	9	00	0	1	3	8	12.3	+0.6	20.3	29	+1	18	+1	52	0	318	94	135
LOWER EGYPT																													
DAMANHUR	00	6	32	3	0	0	—	14.2	29.0	35	00	6	32	3	0	0	—	13.6	+1.4	25.6	30	-2	17	-1	62	0	169	101	136
MANSURA	01	8	02	2	1	3	8	13.6	30.5	32	00	8	32	2	0	0	—	14.4		24.8	32	-2	19	+1	64	0	102	55	137
TANTA	00	8	00	0	0	0	—	13.2	30.5	34	00	8	00	0	0	0	—	14.2	+1.9	25.4	31	-3	16	-2	57	0	96	44	138
ZAGAZIG	00	7	28	2	0	0	—	13.6	31.2	37	00	7	28	2	0	0	—	14.6	+2.5	25.4	31	-3	17	-1	64	0	57	27	139
MIDDLE EGYPT — CAIRO																													
ALMAZA	00	8	32	2	0	0	—	14.0	31.2	25	00	8	02	1	0	0	—	14.8		27.0	32	—	20	—	46	0	69	—	141
EZBEKIYA	00	8	26	3	0	1	8	13.2	30.9	29	05	6	02	1	0	0	—	14.3	+2.6	24.1	32	-3	19	-1	64	0	56	26	—
GIZA	01	8	30	2	0	3	8	13.0	30.9	24	05	5	02	2	0	0	—	14.2	+2.1	23.1	32	-3	16	-1	72	0	51	26	—
HELWAN	00	7	26	2	0	1	4	12.4	30.1	21	00	7	30	3	0	0	—	13.9	+2.1	23.2	31	-3	18	-2	57	0	126	29	143
SUEZ	00	9	32	2	0	0	—	12.4	31.3	17	00	8	02	2	0	1	8	14.2	+3.1	23.4	33	-1	19	-2	70	0	56	17	144
UPPER EGYPT																													
FAIYUM	00	8	02	4	0	1	4	12.7	31.6	16	00	8	32	3	0	0	—	14.2	+2.6	24.8	32	-4	18	-1	50	0	110	8	153
MINYA	00	9	30	3	0	0	—	11.8	32.7	25	00	9	02	3	0	0	—	13.0	+2.1	26.2	34	-2	20	0	36	0	1	—	154
ASYUT	00	8	26	2	0	0	—	11.4	33.5	20	00	7	30	1	0	0	—	13.6	+2.9	25.1	34	-3	19	-2	47	0	29	4	155
QENA	00	9	26	2	0	0	—	9.0	37.4	14	00	8	26	3	0	0	—	11.1	+2.2	27.0	39	-2	20	-3	33	0	29	—	156
LUXOR	00	7	30	2	0	0	—	11.1	36.5	17	00	7	30	2	0	0	—	12.0	-	30.2	38	—	20	—	26	0	tr	—	157
ASWAN	00	9	32	3	0	0	—	9.2	38.0	16	00	9	28	2	0	0	—	10.7	+1.7	27.7	38	-3	23	-3	23	0	8		158
WESTERN DESERT																													
SIWA	00	8	16	3	0	0	—	15.1	34.5	39	00	8	00	0	0	0	—	14.6	+1.0	27.5	36	-1	21	+2	60	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	13.1	32.0	38	00	9	00	0	0	0	—	14.2	+1.6	24.5	37		—	—	50	0	9	—	149
KHARGA	00	9	28	4	0	0	—	11.6	36.0	19	00	9	32	4	0	0	—	—	—	27.0	37	-2	23	0	43	0	10		151
DAKHLA	00	9	28	3	0	0	—	12.8	35.0	19	00	8	04	1	0	0	—	14.3	+3.2	28.0	36	-4	22	0	33	0	3	—	152
RED SEA																													
TOR	00	7	28	2	0	0	—	10.4	29.2	13	00	7	28	2	0	0	—	9.2	+0.5	25.1	31	-2	23	0	97	0	5	13	145
HURGHADA	00	9	02	5	0	0	—	11.0	31.3	57	00	9	30	6	0	0	—	9.5	+0.7	28.0	33	-1	19	-4	46	0	17		146
QUSEIR	00	8	32	3	0	0	—	9.9	29.6	61	00	8	32	4	0	0	—	8.0	-0.6	28.2	31	-2			52	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WADI HALFA	00	7	28	5	0	0	—	9	39	13	00	8	30	3	0	0	—	12		28					25	0	6	—	165
KAREIMA	00	8	32	4	0	0	—	6	40	08	00	7	02	5	0	0	—	9		33					09	0	3	2	166
ATBARA	02	8	30	2	1	8	2	4	41	13	18	6	32	5	0	3	4	6		32					16	0	13	7	167
KHARTUM																										0	11	10	168
KASSALA	02	8	22	2	1	6	2	4	39	26	00	8	14	3	0	0	—	7		29					46	0	19	32	170
CENTRAL SUDAN																													
WAD MEDANI											00	9	16	3	0	3	3	8		30					52	0	47	36	171
DUEIM																										0	4	36	173
RENK											00	9	20	3	0	0	—	9		28	—				70	—	—	120	182
ROSEIRES											02	7	14	2	1	6	4	9		27					70	0	126	158	172
EL OBEID	02	9	04	2	1	5	4,1	—	37	54	00	9	20	1	0	2	1	8		28					42	0	80	48	174
EL FASHER	00	9	12	2	0	0	—	—	38	21	00	9	28	1	0	3	1	—		26					37	0	17	21	175
GENEINA								—	37	19	01	8	04	2	0	2	9,4	—		27					20	—	—	44	179
KADUGLI											00	8	08	2	1	1	1	10		29					66	—	—	230	187
S. SUDAN																													
MALAKAL											00	8	18	2	0	3	4	10		27					74	0	157	247	176
WAU											01	8	22	1	1	3	4	11		26					84	0	302	433	177
JUBA											00	8	18	2	0	2	1	13		25					84	0	526	524	178

UPPER WINDS ON 13th ١٣ يونيه

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM — MATRUH — DIKHEILA — Cairo 8 h m — HELWAN 8 h 15 m — MINYA — ASYUT 7 h m — ASWAN 7 h m — WADI HALFA 7 h m — KAREIMA 7 h 15 m — El Fasher Geneina 7 h m — KASSALA 6 h 45 m — EL OBEID 7 h m — MALAKAL 7 h m — JUBA 7 h 15 m

02 03 05 02 02 30 02 35 20 02 32 25 10 01 45 10 03 30 10 09 20 10 05 15 10 21 20 15 10 05
04 02 15 05 36 20 05 01 40 05 35 40 15 35 50 15 34 20 15 05 40 15 09 40 15 05 15 15 19 15 20 08 05
05 01 35 08 36 25 10 34 50 10 34 50 20 34 45 20 36 20 20 07 35 20 10 15 20 04 30 20 04 35 27 06 30
10 36 40 10 36 50 15 34 50 15 28 20 27 33 40 25 34 25 27 11 20 27 10 40 33 07 15 27 05 50 33 07 20
15 35 55 15 36 55 20 36 55 20 29 20 33 31 20 30 08 15 33 12 10 33 09 30 33 05 50 40 07 25
20 33 50 25 35 50 40 31 — 39 13 15 40 06 30 40 07 20
23 33 35 50 17 20 50 07 20
25 34 45 60 05 25 65 16 20
29 29 30

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity on 12th	Diff. from normal	Mean of day Wet bulb temp on 12th	Diff from normal
Alexandria	67	-5	19.7	-1.1
Ezbekiya	50	-3	19.1	-1.4
Giza	51	-1	18.4	-1.6
Helwan	41	+1	17.4	-1.0
Giza Grass minimum on 13th	13.6			

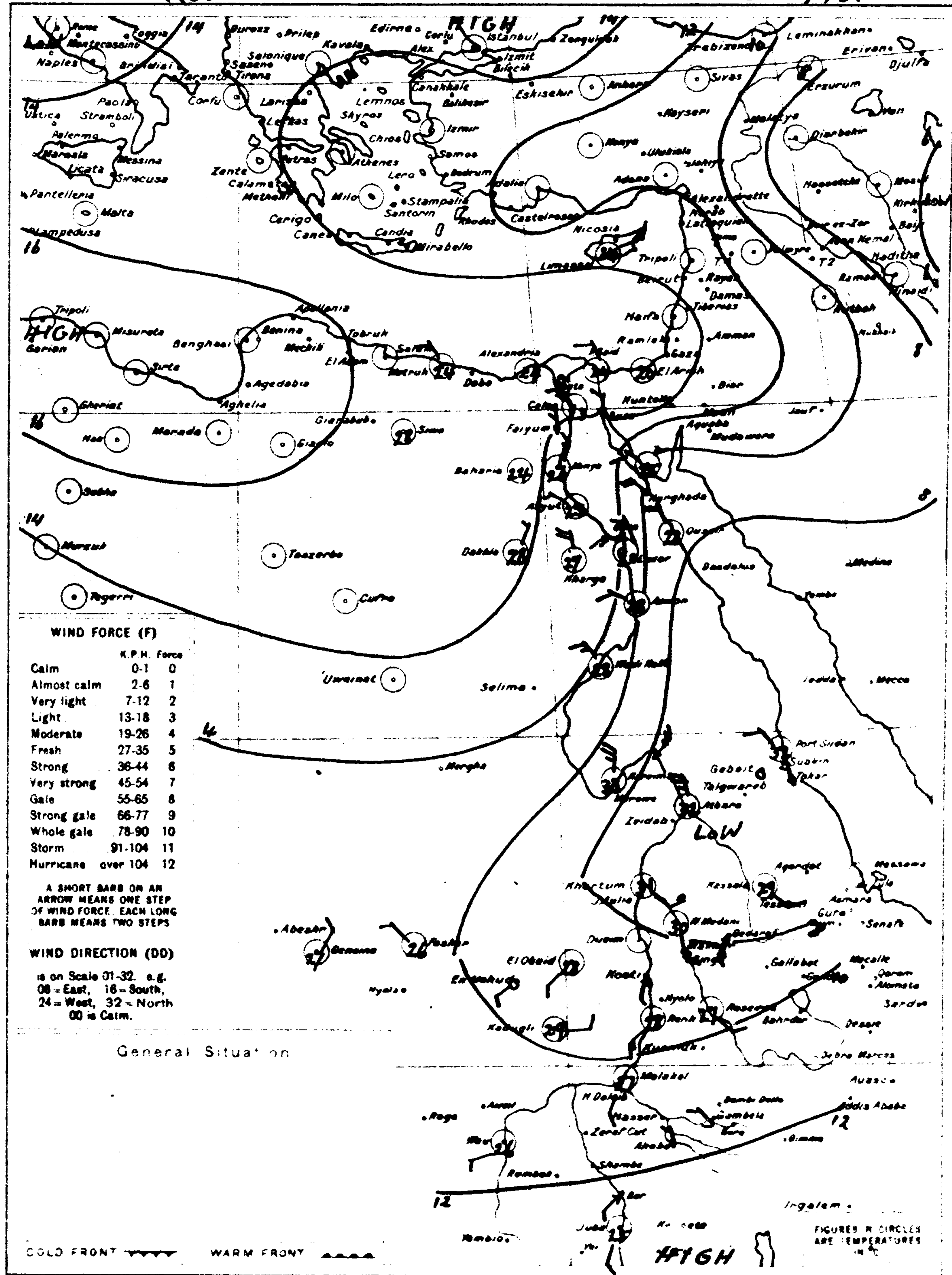
Discharges at Aswan measured by sluices in m³ per sec.

DATE	1945	1944
13.6	1505	1563
12.6	1505	1505

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m	Previous day Diff. from normal m
Juba	13/6			13.04	-0.44
Nasser				7.68	-0.08
Malakal		10.60	-0.14	11.88	-0.14
Roseires		14.38	+1.36	13.90	+0.90
Sennar Res				6.71	
J. Aulia U.S				371.11	
J. Aulia D.S				371.03	-0.14
Khartum				10.28	-0.44
Kh. el Girba				11.90	+1.21
Atbara		10.24	-0.01	10.24	+0.01
Kajnarti				132.25	+0.22
Aswan Res		112.82	—	113.06	—
Aswan D.S.		86.20	-0.05	86.20	-0.04
Roda (Cairo)		16.29	+0.77	16.29	+0.78

Printed by the Survey & Mines Dept 1936 38 554 1939 (39/172)

١٩٤٥ - ٦ - ١٢ Isobars, Wind and Temperature at 8 h. 13 - 6 - 1945.



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000

STATION	At 8 h on 13th — Present Weather ww	Visibility V	Wind DD	F	Past Weather W	Cloud N	C	Bar Pressure M.S.L. 1000+ mbs	Diff from normal mbs	Dry Bulb	Max Yesterday	Diff from norm	Min Today	Diff from norm	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	9	06	3	0	0	—	13.0	+2.4	24					74	0	644	461
Nag Hamadi	00	8	00	0	0	0	—	12.6		26.0	35		19		42	0	16	—

SHIPS

Remarks

Water Temp. River Nile Cairo 25.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD

PRESENT WEATHER

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
of Snow	83, 84
of Sleet	85, 86
of Hail	88, 89
Thunderstorm	90-99
ended, now Rain	91
with Hail	94-96
with Duststorm	98
heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200	1
500	2
1 Kilometre	3
2	4
4	5
10	6
20	7
50	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro stratus	
Cirro cumulus	
Alto cumulus	4
Alto stratus	5
Strato cumulus	
Nimbo stratus	
Cumulus	8
Cumulo nimbus	
Stratus	

CAIRO

Time of Sunrise 04 h 53 m
Sunset 18 h 57 m

MINISTRY OF PUBLIC WORKS . PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month JUNE 1945 ١٩٤٥ شهر يونيه

Isobars, Wind and Temperature at 8 h. 14-6-1945. ١٩٤٥-٦-١٤

At 14 h. on 13th ١٣ الساعة ١٤ بوم — At 8 h. on Thursday 14th ١٤ الخميس الساعة ٨

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs. PPP	Temp. (1) TTT	Humidity UU	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	Humidity % UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																												
SALUM	00	9	04	4	0	0	—	14.3	26.8	86	00	9	04	4	0	0	—	13.9	26.0	28		21		82	0	—		130
MATRUH	01	9	32	2	1	4	8	14.4	26.1	76	01	9	30	1	1	4	8	13.8	+0.9	24.1	27	0	19	0	83	0	111	161	131
DIKHEILA																													150
ALEXANDRIA	00	9	30	1	0	0	—	14.5	26.6	65	00	9	00	0	0	0	—	13.2	+0.4	24.5	28	0	21	0	73	0	260	186	132
DAMIETTA	00	8	28	2	1	0	—	13.0	25.6	72	01	8	02	1	1	3	8	12.4		25.4	27		19		70	0	110	106	159
PORT SAÏD	00	8	30	6	0	0	—	12.4	27.3	64	00	8	30	2	0	1	1	12.8	+1.4	23.7	27	−2	21	+1	75	0	107	80	134
EL 'ARISH	00	9	30	1	0	0	—	12.8	27.2	42	00	9	20	1	0	0	—	12.3	+0.7	21.4	29	+1	19	+2	47	0	318	94	135
LOWER EGYPT																													
DAMANHUR	00	6	32	3	0	2	8	13.4	30.4	37	00	6	28	3	0	0	—	12.6	+0.5	24.8	30	−2	17	−1	68	0	169	101	136
MANSURA	01	8	02	2	1	3	8	12.7	31.0	44	00	8	32	1	0	0	—	13.0		25.5	32	−2	18	−1	65	0	102	55	137
TANTA	00	8	32	2	0	0	—	12.2	31.0	37	00	8	00	0	0	0	—	12.6	+0.3	24.8	32	−2	15	−3	66	0	96	44	138
ZAGAZIG	00	7	32	2	0	2	1	13.2	32.5	37	01	7	02	2	1	4	8	12.2	+0.1	25.2	33	−1	18	0	69	0	57	27	139
MIDDLE EGYPT (CAIRO)																													
ALMAZA	00	8	02	3	0	0	—	13.1	31.7	33	01	7	04	1	1	3	6	13.8		24.6	34		20		69	0	69		141
EZBEKIYA	00	8	02	2	0	0	—	11.9	31.0	31	05	6	02	2	0	3	6	12.7	+1.1	24.2	33	−2	20	0	70	0	56	26	
GIZA	00	8	02	2	0	0	—	11.6	32.5	23	05	5	30	2	0	3	8	12.4	+0.5	22.6	33	−2	17	0	74	0	51	26	
HELWAN	00	8	28	4	0	0	—	11.4	31.6	22	00	7	30	2	0	0	—	12.2	+0.5	23.0	32	−3	19	−1	65	0	126	29	143
SUEZ	00	9	02	3	0	0	—	12.0	30.8	32	00	8	32	2	0	1	8	12.3	+1.3	23.9	33	−1	18	−3	69	0	56	17	144
UPPER EGYPT																													
FAIYUM	00	8	32	4	0	0	—	11.8	32.0	22	00	8	32	3	0	0	—	12.4	+0.9	23.2	33	−3	18	−1	69	0	110	8	153
MINYA	00	9	30	4	0	0	—	11.9	33.2	27	00	9	30	2	0	0	—	11.4	+0.6	25.3	34	−2	19	−1	55	0	1		154
ASYUT	00	8	30	3	0	0	—	10.6	32.0	20	00	7	28	1	0	0	—	11.4	+0.8	26.0	34	−3	19	−2	45	0	29	4	155
QENA	00	9	26	3	0	0	—	—	38.0	16	00	8	22	2	0	0	—	9.1	+0.3	27.3	39	−2	21	−2	39	0	29		156
LUXOR	00	7	30	2	0	0	—	11.1	36.5	17	00	7	06	2	0	0	—	9.8		31.0	38		22		28	0	tr		157
ASWAN	00	9	32	3	0	0	—	7.9	37.0	14	00	9	32	1	0	0	—	9.5	+0.6	28.0	38	−3	23	−3	27	0	8		158
RED SEA																													
SIWA	00	8	00	0	0	0	—	14.6	36.5	32	03	7	08	2	8	5		13.9	+0.4	28.5	38	+1	23	+4	55	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	12.7	33.0	39	00	9	00	0	0	0	—	13.4	+0.9	25.0	35		—		54	0	9		149
KHARGA	00	9	32	4	0	0	—	10.8	34.0	20	00	9	04	2	0	0	—	12.0	+2.4	27.2	35	−4	24	+1	44	0	10		151
DAKHLA	00	9	32	2	0	0	—	11.8	35.0	15	00	8	12	1	0	0	—	12.2	+1.1	28.0	36	−4	23	+1	30	0	3		152
TOR	00	7	28	2	0	0	—	9.0	27.6	88	00	7	28	2	0	0	—	7.5	−1.1	25.1	29	−4	23	0	98	0	5	13	145
HURGHADA	00	9	30	5	0	0	—	—	32.0	33	00	9	30	5	0	0	—	8.3	−0.5	27.5	33	−1	24	+1	42	0	17		146
QUSEIR	00	8	32	4	0	0	—	8.6	30.4	58	00	8	32	3	0	0	—	7.6	−0.9	28.6	31	−2	17		48	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WADI HALFA	00	7	28	5	0	0	—	8	37	11	00	8	20	1	0	0	—	11		27					23	0	6		165
KAREIMA	00	8	32	4	0	0	—	4	41	06	01	8	04	3	1	5	2	9		30					13	0	3	2	166
'ATBARA	00	8	28	2	0	0	—	3	41	12	01	8	32	4	1	5	4	6		31					16	0	13	7	167
KHARTUM																										0	11	11	168
KASSALA	01	8	04	1	0	4	8	2	42	21	01	8	16	3	1	3	1	4		31					49	0	19	33	170
CENTRAL SUDAN																													
WAD MEDANI	01	8	06	3	1	3	3	3	41	09	01	8	18	2	1	3	1	7		32					41	0	47	37	171
DUEIM																										0	4	37	173
RENK	00	9	18	3	0	0	—	5	36	37	00	9	20	3	0	0	—	9		30					55			12.3	182
ROSEIRES	00	7	18	2	0	1	5	5	40	12	00	7	14	2	2	1	—	9		27					70	0	126	162	172
EL OBEID											02	8	00	0	1	5	4,1	8		28					28	0	80	49	174
EL FASHER	00	9	12	1	0	3		—	37	19	00	8	28	2	0	2	1	—		29					14	0	17	22	175
GENEINA	01	8	02	3	1	4	8,1	—	38	25	01	8	00	0	1	3	1	—		27					35			46	179
KADUGLI	01	8	20	2	1	4	9	6	36	37	02	8	20	2	1	5	1	9		27					66			234	187
S. SUDAN																													
MALAKAL	01	8	18	2	1	4	8,1	7	35	44	01	8	18	2	1	4	4	9		26					79	0	157	251	176
WAU	01	8	20	2	1	4	8,2	7	34	47	02	8	22	3	1	6	4,4,5	10		24					84	0	302	439	177
JUBA	01	8	00	0	1	5	8,1	10	32	55	02	8	16	2	0	8	6,4,5	14		22					93	tr	526	529	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 14th ١٤ الساعة

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 15 m.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA 7 h.	KAREIMA 7 h. 15 m.	FASHER 7 h. 30 m.	KASSALA	EL OBEID 7 h. 30 m.	MALAKAL 7 h. 30 m.	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
				02 32 10		02 35 25		10 02 55	10 01 30	10 05 30		10 35 10	10 18 15	
				05 02 28		05 36 40	05 34 40	15 01 35	15 29 05	15 03 50		15 36 15	15 13 10	
				08 03 20		10 35 50	10 35 40	20 36 45	20 02 10	20 07 20		20 01 15	20 24 10	
				10 02 45		15 34 60	15 01 30	35 36 40	30 29 35					
				15 03 25		20 33 65	20 34 35	40 36 30	40 24 25	35 07 10				
				19 35 30				50 36 25	50 19 20	40 07 15				
								65 23 15	65 21 05					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Mean of day

STATION	Humidity % on 13th	Diff. from normal	Wet Bulb Temp. °C on 13th	Diff. from normal
Alexandria	77	+5	21.1	+0.2
Ezbekiya	52	−2	19.7	−0.8
Giza	54	+1	19.1	−1.0
Helwan	43	+2	18.0	−0.4

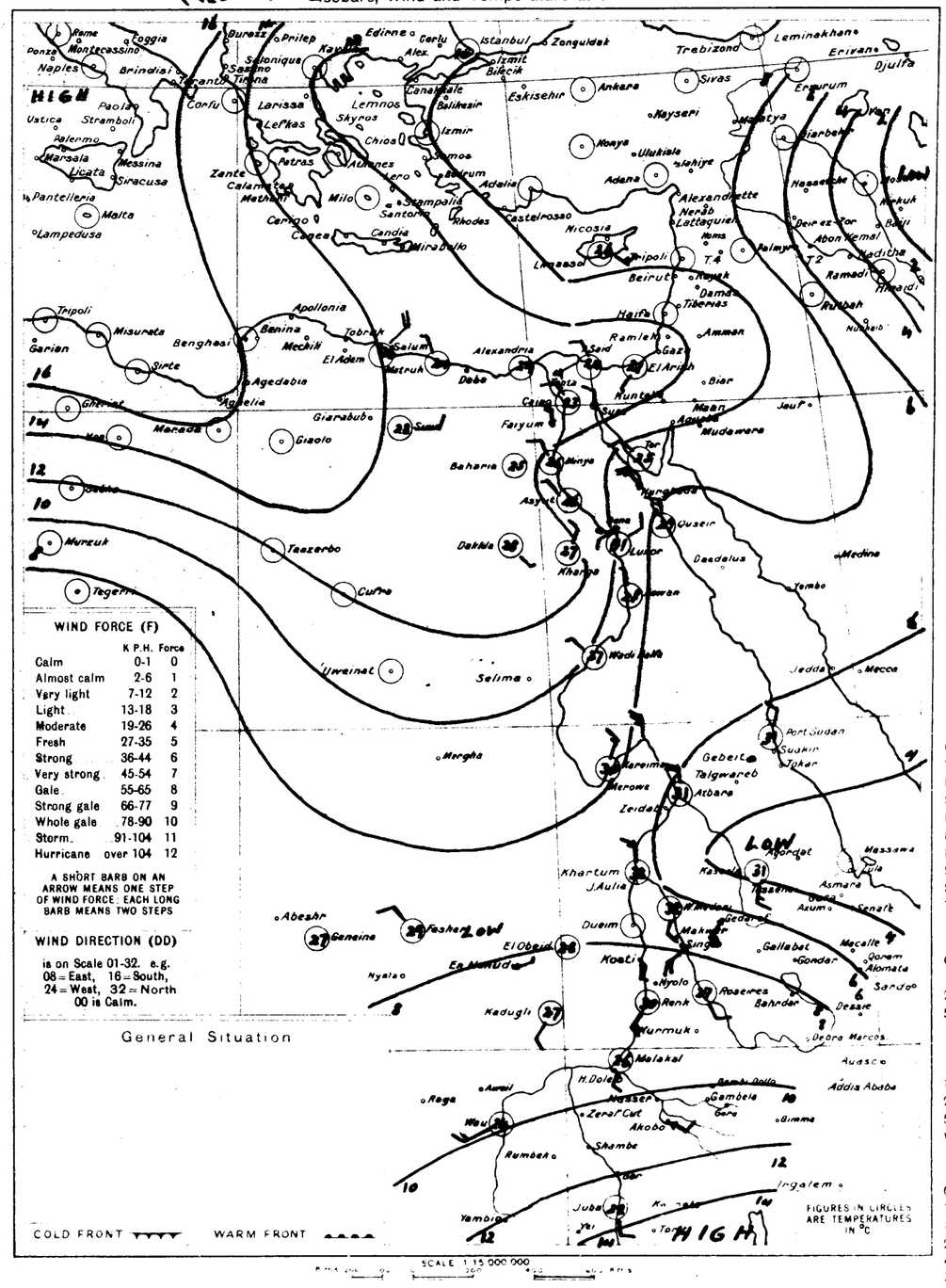
Grass minimum 14th 14.5 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1945	1944
14.6	1620	1563
13.6	1505	1563

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jubba				13.02	−0.06
Nasser				7.68	−0.12
Malakal		10.62	−0.44	10.60	−0.14
Roseires		13.65	+0.57	14.38	+1.36
Sennar Res		6.55			
J. Aulia U.S				371.13	
J. Aulia D.S				371.07	−0.12
Khartum		10.52	−0.27	10.42	−0.33
Kh. el Girba				11.50	+1.03
Atbara		10.46	+0.33	10.34	−0.01
Kajnarti		132.44	+0.36	132.35	+0.27
Aswan Res.		112.57		112.52	
Aswan D.S.		16.38	+0.10	16.20	−0.05
Roda (Cairo)				16.29	+0.77

14-6



General Situation

WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

STATION مرصد	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Temp. Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	Humidity % UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	9	10	3	0	0	—	10.2	−0.2	26				55	0	644	461
Nicosia	00	8	00	0	0	0	—	1.1.0		28.0	35	19		44	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.1 °C

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h 57 m
Sunset 18 57

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month June 1945 — ١٩٤٥ شهر يونيه

At 14 h. on 14th — الساعة ١٤ يوم ١٤ | At 8 h. on Friday 15th — الساعة ٨ يوم الجمعة ١٥

STATION	14h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press M.S.L. 1000+ mbs PPP	Temp. TTT	% Humidity UU	8h Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C TTT	Maximum Yesterday °C	Max Diff from norm °C	Minimum Today °C	Min Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALŪM	00	9	04	4	0	0	—	13.4	28.1	92																		—	130
MATRŪH	01	9	32	3	1	4	8	13.1	26.2	81	01	9	28	2	1	4	8	12.8	0.0	25.0	27	0	20	+1	84	0	111	161	131
DIKHEILA																												—	150
ALEXANDRIA	00	9	28	2	0	0	—	12.4	26.6	65	01	9	28	2	2	3	8	11.4	-1.3	24.2	28	0	22	+1	76	0	260	186	132
DAMIETTA	00	8	30	3	1	0	—	11.2	27.3	60	00	8	30	1	0	0	—	10.0		25.9	29	—	20	—	71	0	110	106	159
PORT SAʿĪD	00	8	32	2	0	0	—	10.7	27.5	62	00	8	26	2	0	0	—	9.4	-1.9	24.9	29	0	22	+1	75	0	107	80	134
EL ʿARĪSH	00	9	30	1	0	0	—	11.0	29.4	43	00	9	20	1	0	0	—	—	—	20.4	29	+1	18	+1	51	0	318	94	135
LOWER EGYPT																													
DAMANHŪR	00	7	28	3	0	0	—	13.0	30.0	37	00	6	28	3	0	0	—	10.7	-1.3	25.0	31	-1	18	0	68	0	169	101	136
MANṢŪRA	01	8	02	2	1	3	8	11.0	31.8	33	00	8	24	2	0	0	—	10.6		25.8	33	-1	19	0	60	0	102	55	137
TANTA	00	8	28	3	0	0	—	10.7	31.5	36	00	8	00	0	0	0	—	11.2	-1.0	25.6	33	-1	17	-1	64	0	96	44	138
ZAGĀZĪG	00	7	30	2	0	0	—	12.3	32.3	33	00	7	28	2	0	0	—	11.2	-0.8	27.2	33	-1	19	+1	59	0	57	27	139
MIDDLE EGYPT																													
CAIRO ALMĀZA	00	8	02	2	0	0	—	11.4	32.3	11	00	7	30	1	0	0	—	11.6		24.8	33	—	20	—	66	0	69	—	141
CAIRO EZBEKIYA	00	9	26	3	0	0	—	10.4	31.7	33	05	6	26	1	0	0	—	11.2	-0.2	25.1	33	-2	20	0	66	0	56	26	—
CAIRO GIZA	00	8	30	2	0	0	—	10.2	32.7	25	05	5	26	1	0	0	—	11.6	-0.4	24.0	33	-2	18	0	65	0	51	26	—
HELWĀN	00	7	30	2	0	0	—	10.3	31.0	23	00	6	26	2	0	0	—	11.4	-0.2	23.5	32	-3	19	0	68	0	126	29	143
SUEZ	00	9	32	2	0	0	—	10.3	31.7	24	00	8	32	1	0	0	—	11.2	+0.3	25.0	34	0	20	-1	68	0	56	17	144
UPPER EGYPT																													
FAIYŪM	00	8	32	4	0	0	—	10.3	32.0	21	00	8	02	2	0	0	—	11.5	0.0	25.3	33	-3	19	-1	55	0	110	8	153
MINYA											00	9	32	2	0	0	—	10.8	0.0	25.9	35	-1	19	-1	52	0	1	—	154
ASYŪT	00	8	28	3	0	0	—	9.4	34.1	18	00	8	00	0	0	0	—	11.2	+0.6	27.1	35	-2	20	-1	43	0	29	4	155
QENA	00	9	22	3	0	0	—	7.2	38.6	09	00	8	26	2	0	0	—	8.8	0.0	27.3	40	-1	20	-3	42	0	29	—	156
LUXOR	00	7	30	3	0	0	—	7.5	38.0	16	00	7	02	2	0	0	—	9.8		33.0	39	—	23	—	30	0	tr	—	157
ASWĀN	00	9	32	3	0	0	—	6.8	37.0	18	00	9	32	4	0	0	—	8.4	-0.4	29.6	39	-2	26	0	27	0	8	—	158
WESTERN DESERT																													
SIWA	02	9	00	0	1	6	5	13.1	38.0	35	00	7	08	2	0	0	—	13.2	-0.3	27.8	39	+1	22	+3	58	0	45	8	148
BAHARIYA	00	9	32	1	0	0	—	11.6	34.0	36	00	9	00	0	0	0	—	12.3	-0.1	26.5	36		—	—	53	0	9	—	149
KHARGA	00	9	32	5	0	0	—	10.0	36.0	22	00	9	04	3	0	0	—	10.7	+1.1	29.3	37	-2	25	+2	42	0	10		151
DAKHLA	00	9	28	2	0	0	—	10.8	35.0	17	00	8	08	1	0	0	—	11.9	+0.9	30.0	37	-3	24	+2	28	0	3	—	152
RED SEA																													
TŌR	00	7	28	2	0	0	—	6.6	28.3	89	00	7	28	2	0	0	—	7.0	-1.5	25.2	30	-3	23	0	80	0	5	13	145
HURGHĀDA	00	9	02	5	0	0	—	7.0	31.0	32																	17		146
QUṢEIR	00	8	02	4	0	0	—	7.0	29.8	50	00	8	32	2	0	0	—	4.2?	-4.2	29.2	32	-1			59	0	20		147
PORT SUDAN																											91	97	169
NORTH SUDAN																													
WĀDI HALFA	00	8	30	4	0	0	—	7	38	11	00	8	00	0	0	0	—	10		28					23	0	6	—	165
KAREIMA	01	8	32	3	1	4	1	5	41	09	01	8	06	2	0	4	2	8		28					15	0	3	2	166
ʿATBARA	01	7	32	3	1	4	4	2	42	09	01	7	02	4	1	4	4,1	6		32					17	0	13	7	167
KHARTŪM																											11	11	168
KASSALA	02	8	12	1	1	6	2	1	42	15	02	8	22	3	1	6	2	7		31					49	0	19	34	170
CENTRAL SUDAN																													
WAD MEDANI	02	8	32	4	1	7	1	—	41	07	02	8	18	5	1	7	4	—		24					77	0	47	38	171
DUEIM																											4	38	173
RENK	00	8	20	3	0	0	—	5	37	40	00	8	16	3	0	0	—	11		27		—		—	74	0		125	182
ROSEIRES																											126	166	172
EL OBEID	02	9	02	3	1	5	4,2	5	37	25																	80	50	174
EL FASHER	01	9	02	2	1	3	8,2	—	39	16																	17	22	175
GENEINA	00	8	10	3	1	3	8,1	—	38	12																		48	179
KADUGLI	01	8	24	2	0	4	9	6	36	33	02	8	12	2	1	5	5	12		25					84	0		238	187
S. SUDAN																													
MALAKĀL	02	8	16	4	1	6	8,5	7	33	47																	157	255	176
WĀU	02	8	24	3	1	8	8,4	5	29	59	02	8	20	2	1	6	6,4	10		24					89	0	302	445	177
JUBA	02	8	32	2	1	6	8,4	12	28	66	02	9	18	1	1	6	4	14		24					84	tr	526	534	178

UPPER WINDS ON 15th — الرياح العليا يوم ١٥

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Stations: SALŪM, MATRŪH, DIKHEILA, PORT SAID, HELWĀN, MINYA, ASYŪT, ASWĀN, WĀDI HALFA, KAREIMA, KHARTŪM, KASSALA, EL OBEID, MALAKĀL, JŪBA (h. m.)

WĀDI HALFA 7 h.	KAREIMA 7 h.	EL OBEID 7 h.	MALAKĀL 7 h.	JŪBA 7 h. 15 m.
10 03 55	10 03 55	10 07 30	10 17 30	10 19 20
15 02 35	15 03 70	15 01 35	15 19 15	15 19 30
20 35 50	20 03 55	20 08 25	20 05 05	20 18 15
25 29 65	25 02 40	25 08 50	25 02 20	25 28 10
35 35 45	30 01 20	30 11 45	35 03 25	40 22 15
	40 34 35		40 05 35	
	45 33 40		45 05 30	
	50 36 15		50 05 30	
	60 23 30		55 05 25	

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 14th	Diff. from normal	Wet Bulb Temp °C on 14th	Diff. from normal
Alexandria	76	+4	21.4	+0.4
Ezbekiya	56	+2	20.2	-0.4
Giza	56	+3	19.3	-0.9
Helwān	46	+5	18.3	-0.2

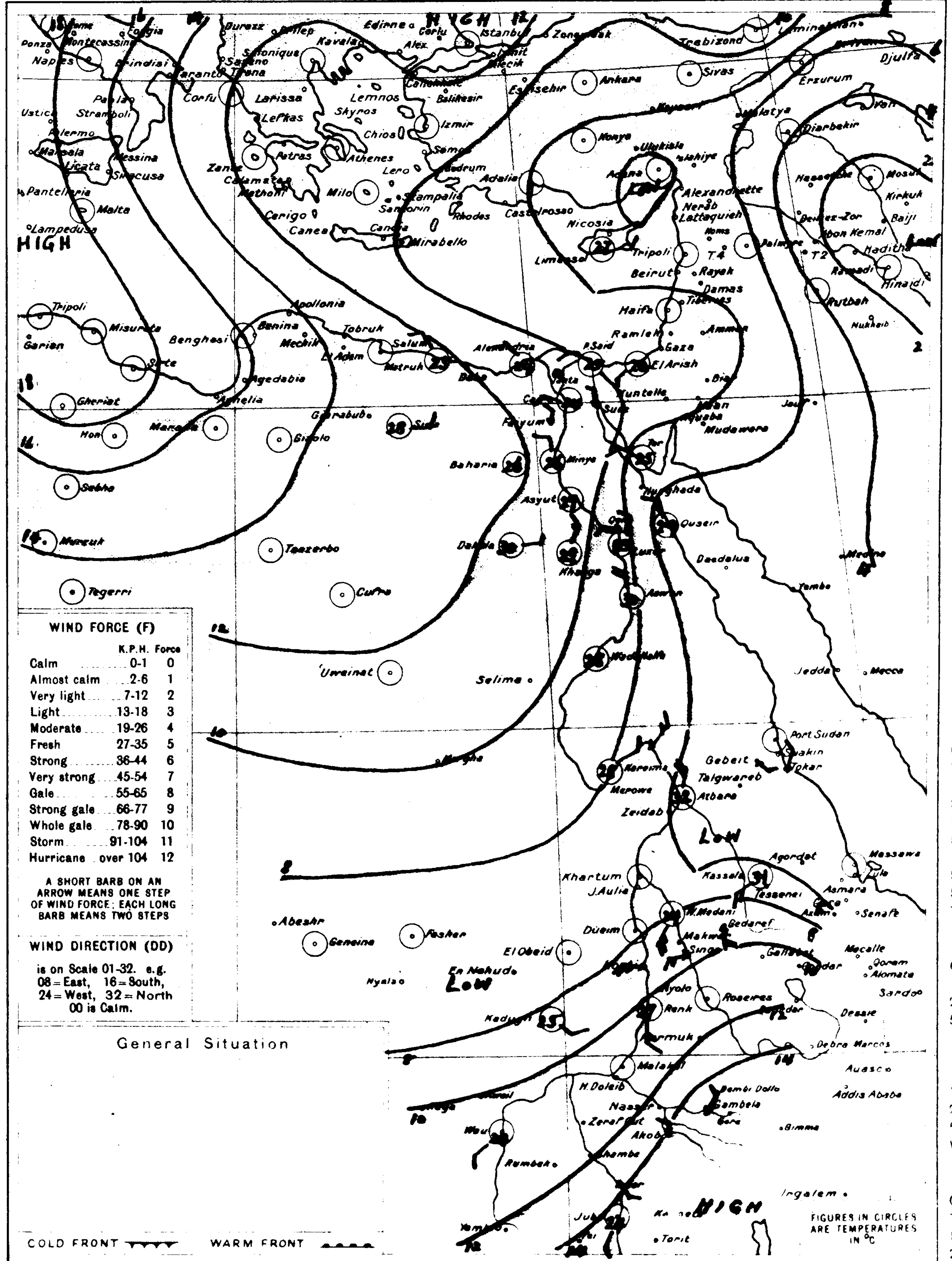
Giza Grass minimum on 15th 16.1 °C

Discharges at Aswān measured by sluices m³ per sec.

DATE	1945	1944
15-6	1620	1563
14-6	1620	1563

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jūba	15-6	13.61	+0.12	12.88	-0.60
Nasser		7.85	-0.03	7.72	-0.18
Malakāl		10.62	-0.16	10.62	-0.14
Roseires		13.32	+0.21	13.68	+0.62
Sennār Res				6.55	
J. Aulia U.S					
J. Aulia D.S					
Khartūm		10.72	-0.12	10.52	-0.27
Kh. el Girba					
ʿAtbara		10.66	+0.37	10.60	+0.33
Kajnarti				132.48	+0.36
Aswān Res.		112.31		112.57	
Aswān D.S.		86.38	+0.10	86.36	+0.10
Rōda (Cairo)		16.27	+0.78	16.27	+0.75

Isobars, Wind and Temperature at 8 h. 15-6-1945 — ١٥ - ٦ - ١٩٤٥



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North, 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 15th — الساعة ٨ يوم ١٥/٦

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs PPP	Diff from normal mbs	Dry Bulb °C	Max Yesterday °C	Diff from norm	Min Today °C	Diff from norm	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	01	9	08	2	1	3	1	7.0		27					55	0	644	461
Nag Hamadi	00	8	26	1	0	0	—	9.9		27.8	25		19		44	0	16	

SHIPS — سفن

Remarks

Water Tempt. River Nile Cairo 25.2 C°

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick „ „ „ „	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
„ of Snow	83, 84
„ of Sleet	85, 86
„ of Hail	88, 89
Thunderstorm	90-99
„ ended, now Rain	91
„ with Hail	94-96
„ with Duststorm	98
„ heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 „	1
500 „	2
1 Kilometre	3
2 „	4
4 „	5
10 „	6
20 „	7
50 „	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise 04 h 58 m
Sunset 18 h 57 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1945 ١٩٤٥ شهر يونيه

STATION	14h 15th: Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	Bar. Press M.S.L. 1000+ mbs PPP	Temp. °C TTT	% Humidity UU	8h SATURDAY 16 (السبت ١٦): Present Weather ww	V	Wind Dir. DD	Force F	Past Weather W	Cloud Amount N	Form C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms	Station Number
MEDITERRANEAN																													
SALUM																												—	130
MATRŪH	01	9	28	4	1	[illegible]	8	12.8	26.0	22	00	9	28	4	0	0	—	14.3	+1.5	25.0	27	0	23	+4	84	0	111	161	131
DIKHEILA																												—	150
ALEXANDRIA	00	9	30	5	0	0	—	11.8	26.0	76	01	9	30	3	2	3	4	12.6	0.0	24.2	28	0	22	+1	82	0	260	186	132
DAMIETTA	00	8	30	3	1	3	8	10.3	27.5	67	00	7	30	3	0	0	—	10.8		26.1	29	—	23	—	75	0	110	106	159
PORT SAĪD	00	8	28	4	0	0	—	9.9	29.9	53	00	8	26	2	0	0	—	10.7	−0.5	25.3	30	+1	23	+2	71	0	107	81	134
EL 'ARISH	00	9	20	1	0	0	—	10.8	29.4	51	00	9	20	1	0	0	—	11.0	−0.4	21.4	31	+3	20	+2	49	0	318	94	135
LOWER EGYPT																													
DAMANHŪR	00	6	32	3	0	0	—	10.3	31.3	35	00	6	28	3	0	0	—	11.6	−0.2	26.3	31	−1	18	0	67	0	169	101	136
MANṢŪRA	01	8	30	2	1	3	8	10.6	32.0	30	00	8	28	2	0	0	—	11.9		26.5	33	−1	20	+1	65	0	102	55	137
TANTA	01	8	28	2	1	4	4	10.6	31.7	34	00	8	28	1	0	0	—	12.2	0.0	26.7	33	−1	17	−1	62	0	96	44	138
ZAGĀZIG	01	7	32	4	1	4	8	9.5	32.6	29	00	7	26	2	0	0	—	12.2	+0.4	26.4	34	−0	18	0	65	0	57	27	139
MIDDLE EGYPT																													
CAIRO ALMĀZA	00	8	30	3	0	3	6	11.4	34.0	18	00	7	24	1	0	0	—	13.0		25.4	35	—	21	—	62	0	69	—	141
CAIRO EZBEKIYA	01	8	26	3	0	4	8	10.3	32.7	23	05	7	00	0	0	1	8	13.2	+1.8	25.4	35	0	20	0	66	0	56	26	—
CAIRO GĪZA	01	8	30	2	1	3	8	10.4	32.8	19	00	6	00	0	0	0	—	13.1	+1.1	24.2	34	−1	18	0	76	0	51	27	—
HELWĀN	01	7	26	6	1	4	8	9.9	33.0	18	05	5	00	0	0	0	—	13.4	+1.9	24.0	34	−1	19	−1	75	0	126	29	143
SUEZ	00	8	32	4	0	2	8	9.8	32.5	21	00	8	32	2	0	0	—	12.6	+1.8	26.0	36	+1	21	0	62	0	56	17	144
UPPER EGYPT																													
FAIYŪM	00	8	02	3	0	0	—	10.2	32.6	17	00	8	30	1	0	0	—	12.0	+0.6	24.9	34	−2	19	−1	60	0	110	8	153
MINYA											00	9	30	2	0	0	—	12.2	+1.6	26.8	36	0	19	−1	48	0	1	—	154
ASYŪT	00	8	28	3	0	0	—	10.0	34.3	17	00	7	26	1	0	0	—	12.4	+1.9	27.3	35	−2	21	−1	36	0	29	4	155
QENA	00	9	26	4	0	0	—	—	38.0	12	00	8	22	2	0	0	—	—	—	28.0	39	−2	22	−1	35	0	29	—	156
LUXOR	00	7	30	4	0	0	—	8.7	37.5	16	00	7	04	2	0	0	—	11.6		32.3	38		20		29	0	tr	—	157
ASWĀN	00	9	32	3	0	0	—	7.2	38.2	17	00	9	32	1	0	0	—	10.3	+1.6	29.7	40	−2	24	−2	27	0	8		158
WESTERN DESERT																													
SIWA	00	8	24	2	0	0	—	13.4	36.5	36	00	7	32	2	0	0	—	15.8	+2.3	24.0	37	−1	21	+2	67	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	12.7	33.0	48	00	9	00	0	0	0	—	14.3	+1.9	24.0	35		—		60	0	9	—	149
KHARGA	00	9	32	3	0	0	—	9.8	37.1	25	00	9	04	2	0	0	—	12.0	+2.5	30.1	38	−1	24	+1	35	0	10		151
DAKHLA	00	9	32	2	0	0	—	10.0	37.6	16	00	8	04	2	0	0	—	13.0	+2.0	30.5	38	−2	22	0	29	0	3	—	152
RED SEA																													
TŌR	00	7	28	2	0	0	—	7.6	29.1	[illegible]	00	7	28	1	0	0	—	10.6	+2.2	27.2	29	−4	24	+1	96	0	5	13	145
HURGHĀDA																													146
QUṢEIR	00	8	32	4	0	0	—	—	30.7	49	00	8	28	2	0	0	—	9.9	+1.6	29.3	32	−1			40	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WĀDI HALFA	00	8	30	4	0	2	1	7	41	08	00	8	32	1	0	3	1	10		31					19	0	6	—	165
KAREIMA											01	8	08	3	0	4	2	8		32					15	0	3	2	166
'ATBARA	00	8	28	1	1	2	1	3	41	10	02	8	02	4	1	8	2	7		33					11	0	13	8	167
KHARTŪM																										0	11	11	168
KASSALA	02	8	12	2	1	5	2	4	38	33	02	8	14	3	1	7	4,2	8		29					37	0	19	35	170
CENTRAL SUDAN																													
WAD MEDANI	02	8	24	4	1	7	1	5	38	21	00	8	16	4	0	2	3	10		30					49	0	47	40	171
DUEIM																										2	6	39	173
RENK	01	9	10	3	0	6	7	8	36	33	01	8	20	3	1	4	7	10		30					55	0	—	128	182
ROSEIRES											02	7	20	2	1	7	5	12		23					78	0	126	170	172
EL OBEID	01	9	24	2	1	5	4	6	36	42	00	9	22	4	0	2	4,5	10		28					52	0	80	52	174
EL FASHER	01	8	04	3	1	4	1	—	38	25	01	8	00	0	0	3	1	—		28					52	0	17	23	175
GENEINA	01	8	24	2	1	4	8,1	—	37	13																		50	179
KADUGLI	01	8	20	3	1	4	8	8	35	44	02	8	28	2	1	5	1	10		29					62			242	187
S. SUDAN																													
MALAKĀL	01	8	16	3	1	4	8,1	9	32	41	00	8	16	4	1	3	4	12								0	157	259	176
WĀU	01	8	32	1	1	3	8,4	10	36	35	01	9	16	3	1	4	4	13		24					84	0	302	451	177
JŪBA											02	8	28	2	1	7	8,4,[illegible]	16		23					84	0	526	539	178

UPPER WINDS ON 16th (الرياح العليا يوم ١٦)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres, DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRŪH	DIKHEILA	PORT SAĪD	HELWĀN 8 h 30 m	MINYA	ASYŪT 7 h	ASWĀN 7 h	WĀDI HALFA 7 h 45 m	KAREIMA 7 h 30 m	KHARTŪM	KASSALA	EL OBEID 7 h	MALAKĀL 7 h	JŪBA 6 h 40 m
				02 29 05		02 30 18	02 36 10	10 06 40	10 04 35			10 21 25	10 19 20	10 22 15
				05 01 15		05 05 18	05 03 30	15 03 50	15 03 15			15 22 30	15 15 20	15 22 20
				08 36 10		10 36 30	10 04 30	20 04 50	20 36 30			20 22 25	20 13 15	20 20 20
				10 36 20		15 30 05	15 25 60	25 35 30	25 35 30			25 23 20	25 06 25	25 21 15
				15 34 25		20 30 50	20 30 65	35 30 25	30 33 30			33 25 20		35 20 20
				20 34 25		25 31 55			40 34 10			40 23 20		40 21 20
				23 33 10					50 35 20					
				28 32 15										
				29 33 20										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 15th	Diff. from normal	Wet Bulb Temp. °C on 15th	Diff. from normal
Alexandria	80	+ 8	21.9	+0.8
Ezbekiya	52	− 2	20.0	−0.6
Gīza	49	− 4	19.0	−1.2
Helwān	46	+ 5	18.6	+0.1

Gīza Grass minimum on 16th 14.8 °C

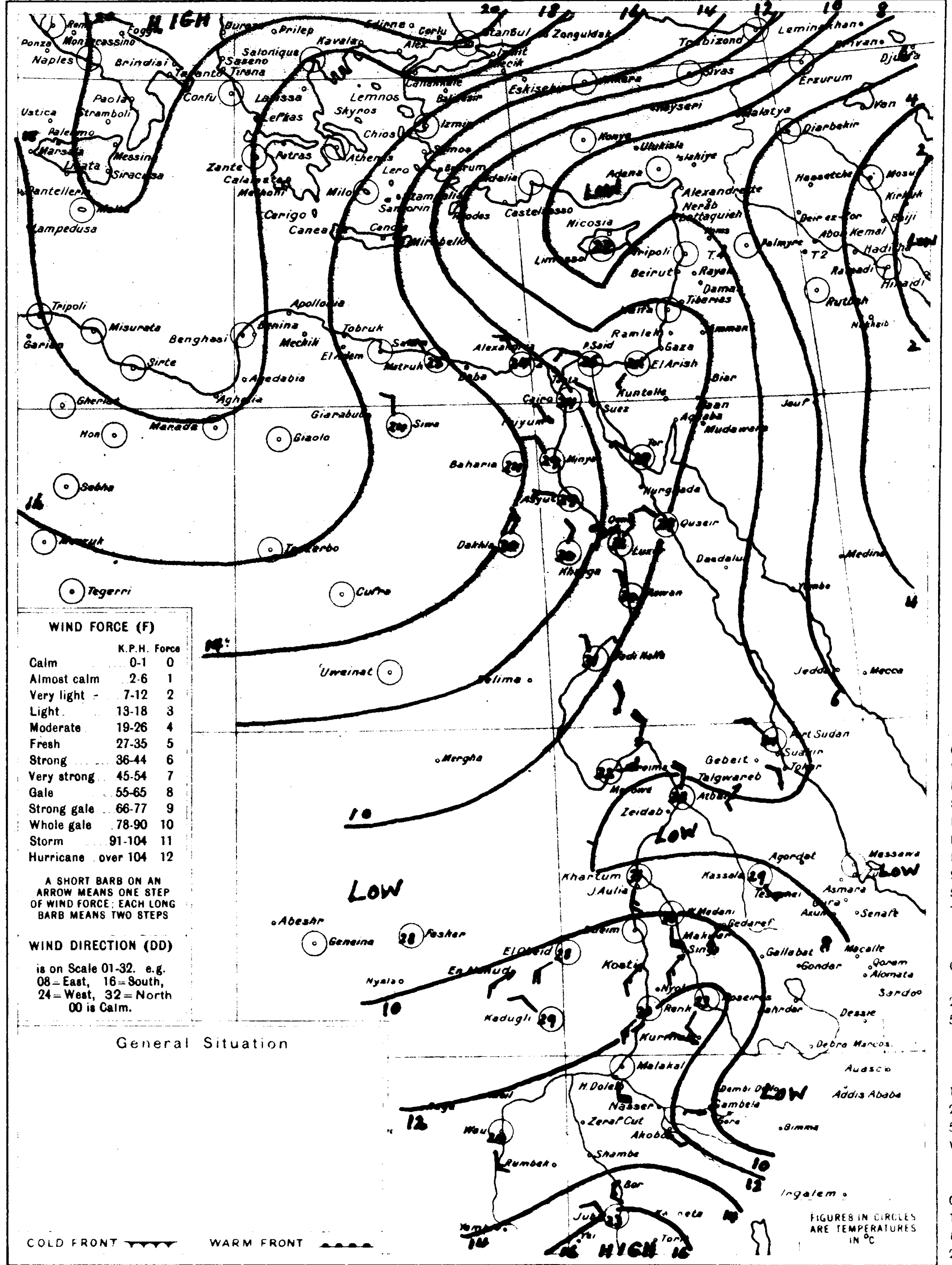
Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
16.6	1620	1563
15.6	1620	1563

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jūba				13.61	+0.12
Nāsser				7.85	−0.03
Malakāl		10.63	−0.17	10.62	−0.16
Roseires		13.66	+0.50	13.32	+0.21
Sennār Res	16/6	6.94		6.94	
J. Aulia U.S					
J. Aulia D.S					
Khartūm	1			10.72	−0.12
Kh. el Girba	16/6				
'Atbara		10.60	+0.29	10.66	+0.37
Kajnarti					
Aswān Res.		112.07		112.21	
Aswān D.S.		86.39	+0.09	86.38	+0.10
Rōda (Cairo)		16.27	+0.74	16.27	+0.75

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٦-١٦ Isobars, Wind and Temperature at 8 h. 16-6-1945.



At 8 h. on 16th — الساعة ٨ يوم ١٦

STATION (محطة)	ww	V	DD	F	W	N	C	M.S.L. 1000+ mbs PPP	Diff. from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm.	Min. Today °C	Diff. from norm.	% Humidity UU	Rain Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	9	00	0	0	0	—	7.5	−2.8	27					52	0	[illegible]	461
[illegible]	00	8	00	0	0	0	—	9.9		28.9	35		19		42	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

PRESENT WEATHER (ww)
- Clear 00
- Partly cloudy 01
- Cloudy 02
- Overcast 03
- Low Fog 04
- Thin Haze 05
- Dust Devils 06
- Distant Lightning 07
- Light Mist or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick ,, ,, ,, ,, 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- ,, of Snow 83, 84
- ,, of Sleet 85, 86
- ,, of Hail 88, 89
- Thunderstorm 90-99
- ,, ended, now Rain 91
- ,, with Hail 94-96
- ,, with Duststorm 98
- ,, heavy, with Hail 99

PAST WEATHER (W)
- Clear, slight cloud 0
- Variable sky 1
- Mainly overcast 2
- Sandstorm, Duststorm 3
- Fog, thick dust haze 4
- Drizzle 5
- Rain 6
- Snow, sleet 7
- Showers 8
- Thunderstorm 9

VISIBILITY (V)
- Objects not visible at 50 metres 0
- 200 ,, 1
- 500 ,, 2
- 1 Kilometre 3
- 2 ,, 4
- 4 ,, 5
- 10 ,, 6
- 20 ,, 7
- 50 ,, 8
- Visible over 50 kms. 9

CLOUD AMOUNT (N)
- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

CLOUD FORM (C)
- Cirrus 1
- Cirro-stratus 2
- Cirro-cumulus 3
- Alto-cumulus 4
- Alto-stratus 5
- Strato-cumulus 6
- Nimbo-stratus 7
- Cumulus 8
- Cumulo-nimbus 9
- Stratus 0

CAIRO
Time of Sunrise h. 04 m. 53
Sunset h. 18 m. 57

Month JUNE 1945 ١٩٤٥ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Region	Station	14 h. on 16th: Present weather ww	V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	8 h. on SUNDAY 17th: Present weather ww	V	Wind Dir. DD	Force F	Past weather W	Cloud Amount N	Form C	Bar. M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
Mediterranean	SALUM																												—	130
	MATRUH	00	9	30	5	0	0	—	14.2	26.1	76	01	9	26	4	1	3	8	14.3	+1.6	24.0	27	0	22	+3	78	0	111	161	131
	DIKHEILA																												—	150
	ALEXANDRIA	00	9	30	4	0	0	—	13.2	26.0	75	01	9	32	4	1	4	8	13.0	+0.5	23.0	27	-1	21	0	74	0	260	186	132
	DAMIETTA	14	7	24	5	0	0	—	10.6	27.2	67	01	8	26	2	1	5	8,6	11.9		23.9	28	—	19	—	72	0	110	106	159
	PORT SAÏD	00	8	26	3	0	0	—	11.0	30.0	55	02	8	24	3	2	5	4	11.5	+0.3	22.7	31	+2	21	0	75	0	107	81	134
	EL 'ARISH	00	9	30	1	0	0	—	10.9	30.4	42	00	9	20	1	0	0	—	11.0	-0.3	20.4	30	+2	19	+2	56	0	318	94	135
Lower Egypt	DAMANHÛR	00	7	32	3	0	0	—	12.3	29.6	40	01	6	28	3	1	4	8	12.2	+0.5	24.2	31	-1	16	0	66	0	169	101	136
	MANŞÛRA	00	8	30	2	0	0	—	11.9	32.2	35	01	7	24	1	1	4	8	12.7		23.8	33	-1	18	-1	71	0	102	55	137
	TANTA	01	8	32	2	1	3	4	11.5	32.4	38	01	8	28	1	1	4	8	12.8	+0.8	24.0	33	-1	16	-2	67	0	96	44	138
	ZAGAZIG	01	7	28	2	1	4	1	12.4	34.2	33	01	8	24	2	0	3	1	12.7	+1.0	25.1	34	0	18	0	68	0	57	27	139
Middle Egypt (Cairo)	ALMÂZA	00	8	30	2	0	3	8	12.2	34.2	23	00	7	29	2	0	1	8	13.6		23.2	35	—	20	—	64	0	69	—	141
	EZBEKIYA	00	8	28	3	0	0	—	11.0	33.6	29	05	7	26	1	0	0	—	13.1	+1.8	24.1	35	0	20	0	60	0	56	26	—
	GIZA	01	8	30	3	1	3	8	10.8	34.4	23	00	7	30	3	0	0	—	13.0	+1.1	23.5	35	0	18	0	65	0	51	27	—
	HELWÂN	00	8	26	5	0	1	8	11.1	32.1	26	00	7	28	2	0	1	0	13.4	+1.9	22.1	34	-1	18	-2	66	0	126	29	143
	SUEZ	00	9	28	2	0	0	—	11.1	35.0	24																	56	17	144
Upper Egypt	FAIYÛM	00	9	32	3	0	0	—	11.4	32.6	24	00	8	32	2	0	0	—	13.2	+1.9	24.0	34	-2	19	-1	54	0	110	8	153
	MINYA	00	9	32	3	0	0	—	11.4	34.7	22	00	9	32	3	0	0	—	12.7	+2.2	25.8	35	-1	20	0	51	0	1	—	154
	ASYUT	00	8	26	3	0	0	—	10.7	34.0	18	00	7	22	1	0	0	—	12.0	+1.6	27.2	35	-2	22	0	42	0	29	4	155
	QENA	00	9	22	3	0	0	—	—	37.4	11	00	8	24	1	0	0	—	10.2	+1.7	29.6	40	-1	22	-1	40	0	29	—	156
	LUXOR	00	7	30	3	0	0	—	9.8	37.0	20	00	7	14	2	0	0	—	11.4		33.0	38	—	21	—	30	0	tr	—	157
	ASWAN	00	9	32	3	0	0	—	8.3	39.0	17	00	9	32	2	0	0	—	9.8	+1.2	29.5	39	-3	25	-1	17	0	8		158
Western Desert	SIWA	00	8	00	0	0	0	—	15.0	35.0	36	00	7	00	0	0	0	—	16.0	+2.6	24.0	36	-2	21	+2	67	0	45	8	148
	BAHARIYA	00	9	00	0	0	0	—	13.0	33.0	37	00	9	00	0	0	0	—	14.2	+2.0	24.0	35	—		—	53	0	9	—	149
	KHARGA	00	9	30	3	0	0	—	10.7	36.4	38	00	9	32	2	0	0	—	12.2	+2.8	29.8	37	-2	21	-2	39	0	10		151
	DAKHLA	00	9	28	2	0	0	—	11.4	35.5	18	00	8	20	1	0	0	—	12.1	+2.2	28.0	37	-3	22	0	33	0	3	—	152
Red Sea	TÔR	00	7	28	2	0	0	—	9.1	29.1	77	00	7	28	2	0	0	—	9.8	+1.5	27.2	32	-1	24	+1	82	0	5	13	145
	HURGHADA											00	9	28	5	0	0	—	9.6	+1.1	29.0	33	-1	25	+2	35	0	17		146
	QUSEIR	00	8	02	4	0	0	—	8.7	30.2	52	00	8	32	2	0	0	—	8.8	+0.6	28.0	32	-1			63	0	20		147
	PORT SUDAN																										0	91	97	169
North Sudan	WÂDI HALFA	00	8	28	4	0	2		8	39	11																0	6	—	165
	KAREIMA	00	8	02	1	0	3	1	7	42	11																0	3	2	166
	ATBARA	00	7	30	4	1	0	—	5	42	15																0	13	8	167
	KHARTÛM																										0	11	12	168
	KASSALA	00	7	30	4	1	0	—	4	41	23																0	19	35	170
Central Sudan	WAD MEDANI	00	8	28	2	1	2		6	40	36																0	47	41	171
	DUEIM																										0	6	40	173
	RENK	00	8	00	0	0	0	—	6	37	33																—	—	131	182
	ROSEIRES	00	8	28	2	0	0	—	5	37	13																0	126	174	172
	EL OBEID	01	8	04	2	0	4	8,4,5	4	38	27																0	80	53	174
	EL FASHER	01	9	28	4	1	4	8	—	36	27																0	17	23	175
	GENEINA	00	8	30	4	1	0	—	—	34	34																—	—	52	179
	KADUGLI	01	8	20	4	1	4	8	—	—	—	02	8	28	2	1	6	8	12		24					74	—	—	246	187
S. Sudan	MALAKÂL	01	7	28	4	1	4	8,4	6	34	22																0	157	263	176
	WÂU	00	8	28	4	1	2	8,5	7	38	16	01		22	1	1	5	4	15		24						0	302	457	177
	JÛBA	01	8	26	2	0	4	8,5	5	38	37	02	8			1	5	4,2	16		24					84	7	533	544	178

At 14 h. on 16th — ١٦ الساعة ١٤ يوم. At 8 h. on SUNDAY 17th — الساعة ٨ الأحد ١٧

UPPER WINDS ON 17th — الرياح العليا يوم ١٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

Stations: SALÛM, MATRÛH, DIKHEILA, PORT SAÏD, HELWÂN, MINYA, ASYÛT, ASWÂN, WÂDI HALFA, KAREIMA, GENEINA, KASSALA, EL OBEID, MALAKÂL, JÛBA

Times: Helwân 8 h. 15 m.; Asyût 7 h.; Aswân 7 h.; Wâdi Halfa 7 h.; Kareima 7 h. 15 m.; Geneina 7 h.; Kassala 7 h.; El Obeid 7 h.; Malakâl 7 h.; Jûba 6 h.

Helwân	Asyût … Jûba (as printed, left to right)
02 32 20	02 30 05 02 36 15 10 02 15 06 04 20 10 33 20 10 25 30 10 21 30 10 23 20 10 14 10
05 34 20	05 05 25 05 01 35 15 26 30 10 01 40 15 34 20 15 21 45 15 24 10 15 30 30
08 36 10	10 36 35 10 03 35 20 32 30 20 19 35 20 24 30 20 21 30 20 20 10 20 26 05
10 34 25	15 34 40 15 0 25 25 31 55 45 30 35 25 26 35 25 33 30 25 20 15 25 19 05 25 24 05
15 29 25	20 35 40 20 32 05 35 32 65 30 29 30 35 05 05 35 05 05
20 29 45	25 32 30 25 31 25 40 31 40 35 29 40 40 05 20 40 25 05
23 30 50	30 30 45 50 27 60 40 30 55 45 07 25 50 19 05
	50 31 35 50 08 30
	60 26 20

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day Humidity % on 16th	Diff. from normal	Wet bulb temp. °C on 16th	Diff. from normal
Alexandria	75	+3	21.6	+0.4
Ezbekiya	50	-4	20.3	-0.4
Giza	54	+1	19.9	-0.3
Helwân	61	+10	19.8	+1.2

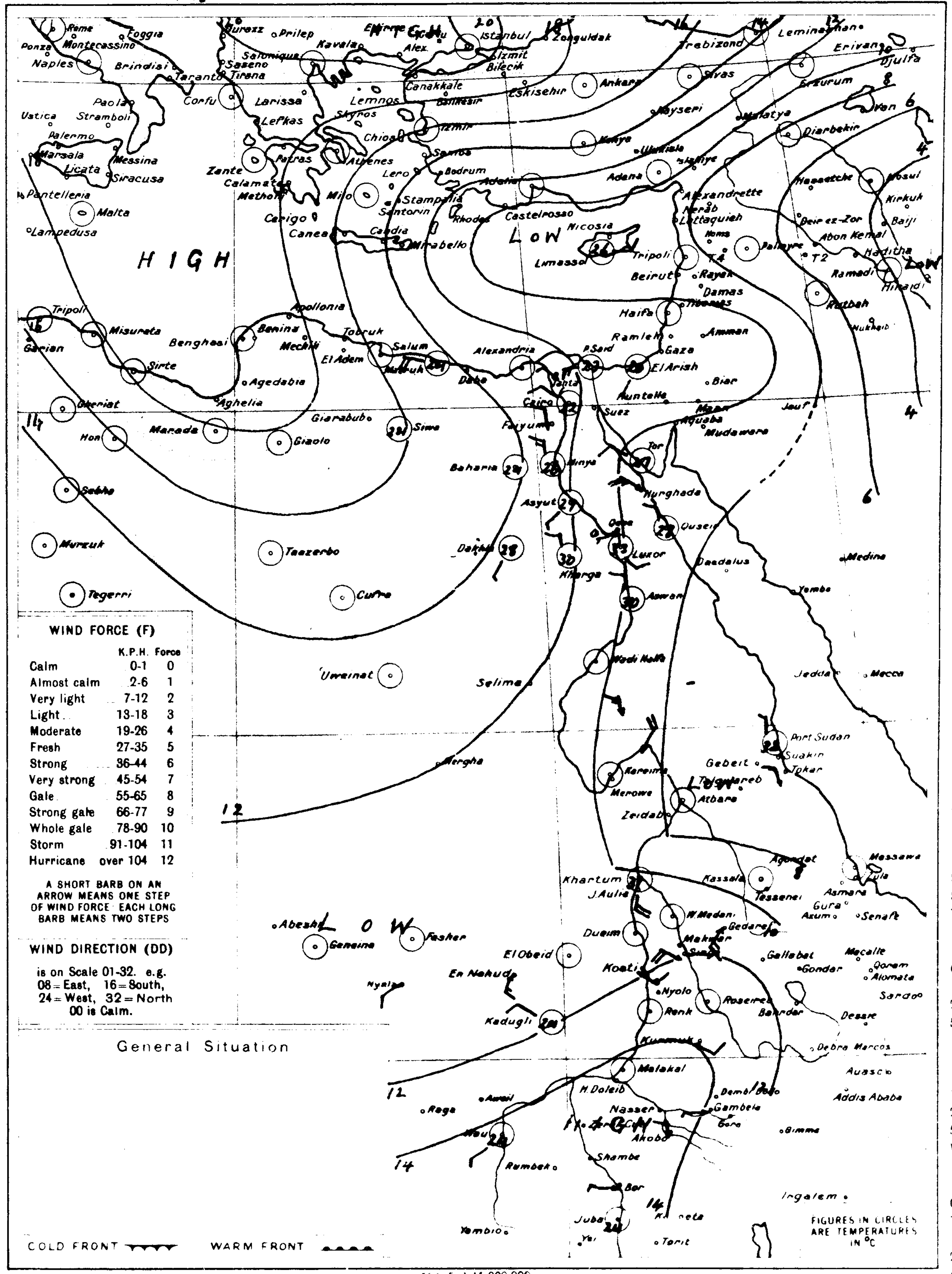
Giza Grass minimum 17th 15.0 °C

Discharges at Aswan measured by sluices m³ per sec

DATE	1945	1944
17.6	1620	1563
16.6	1620	1563

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba	17-6			12.94	-0.55
Nasser					
Malakal				10.63	-0.17
Roseires		13.15	-0.09	13.68	+0.50
Sennâr Res				6.94	
J. Aulia U.S				371.27	
J. Aulia D.S				371.21	-0.04
Khartum				10.84	-0.05
Kh. el Girba				11.28	+0.32
Atbara				10.60	+0.29
Kajnarti					
Aswân Res		111.83		112.07	
Aswân D.S		86.39	+0.07	86.39	+0.09
Roda (Cairo)		16.31	+0.78	16.27	+0.74

١٩٤٥-٦-١٧ Isobars, Wind and Temperature at 8 h. 17-6-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE. EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

At 8 h. on 17th — الساعة ٨ يوم ١٧

Station	ww	V	Dir. DD	Force F	W	N	C	M.S.L. PPP	Diff. from normal	Dry Bulb TTT	Max. Yesterday	Diff.	Min. Today	Diff.	Humidity UU	Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	09	8	08	2	0	1	8	9.1	-1.1	26					77	0	644	462
Nag Hamadi	00	8	00	0	0	0	—	11.1		25.8	34		18		41	0	16	—

SHIPS — سفن

Remarks

Water Temp. River Nile Cairo 25.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94 96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto cumulus	4
Alto stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38 554) 1939 (39/77?)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO

Time of Sunrise 04 h 54 m

Sunset 18 58

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month JUNE 1945 ١٩٤٥ شهر يونيه

١٩٤٥-٦-١٨ Isobars, Wind and Temperature at 8 h. 18-6-1945.

At 14 h. on 17 ١٧ الساعة ١٤ يوم — At 8 h. on MONDAY 18 الاثنين ١٨ الساعة ٨

STATION	14 h. PRESENT WEATHER ww	14 h. VISIBILITY V	14 h. WIND Dir. DD	14 h. WIND Force F	14 h. PAST WEATHER W	14 h. CLOUD Amount N	14 h. CLOUD Form C	14 h. BAR. PRESS M.S.L. 1000+ mbs. PPP	14 h. TEMP. TTT	14 h. RH% UU	8 h. PRESENT WEATHER ww	8 h. VISIBILITY V	8 h. WIND Dir. DD	8 h. WIND Force F	8 h. PAST WEATHER W	8 h. CLOUD Amount N	8 h. CLOUD Form C	8 h. BAR. PRESSURE 1000+ mbs. PPP	Diff. from normal mbs.	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	8 h. RH% UU	RAINFALL Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	STATION NUMBER
SALUM																													130
MATRUH	00	9	30	5	0	0	—	14.7	25.7	79	00	9	30	4	1	0	—	15.4	+2.8	24.3	26	−1	22	+3	73	0	111	161	131
DIKHEILA																													150
ALEXANDRIA	01	9	30	5	2	4	8	13.8	25.9	56	03	9	32	2	2	8	5	14.3	+1.9	23.2	27	−1	21	0	76	0	260	186	132
DAMIETTA	00	7	28	3	1	0	—	11.9	25.6	71	02	7	28	2	1	6	8	13.4		23.6	27	—	18	—	78	0	110	106	159
PORT SAÏD	00	8	30	4	0	0	—	11.5	26.9	62	02	8	28	3	2	5	8	12.8	+1.7	22.9	29	0	20	−1	78	0	107	81	134
EL 'ARISH	00	9	30	1	0	0	—	12.2	29.4	47	00	9	30	1	0	0	—	12.2	+1.0	20.4	30	+2	19	+2	52	0	318	94	135
DAMANHUR	01	6	24	4	1	4	8	12.6	27.0	56	01	6	28	3	1	3	8	13.1	+1.5	24.2	28	−4	18	0	74	0	169	101	136
MANŞURA	01	8	30	2	1	3	6	12.2	29.7	43	01	8	32	1	1	4	8	13.6		24.0	31	−3	16	−1	69	0	102	55	137
TANTA	01	8	28	3	1	4	4	12.0	29.0	44	01	8	00	0	1	4	8	13.6	+1.8	24.0	30	−4	17	−1	72	0	96	44	138
ZAGAZIG	00	7	30	2	0	2	1	13.8	31.2	41	01	7	30	2	1	4	3	13.6	+2.0	24.6	31	−3	20	+2	66	0	57	27	139
CAIRO ALMAZA	00	8	30	2	0	0	—	13.0	31.2	27	00	7	31	1	0	1	8	14.3		21.9	32	—	20	—	65	0	69	—	141
CAIRO EZBEKIYA	00	8	28	3	0	0	—	12.0	30.5	33	05	6	28	2	0	2	8,4	13.9	+2.7	23.0	32	−3	20	0	64	0	56	26	—
CAIRO GIZA	00	8	30	3	0	0	—	11.8	31.6	27	01	7	30	2	1	3	8	13.8	+2.0	21.6	32	−3	18	0	69	0	51	27	—
HELWAN	00	9	26	4	0	0	—	11.8	30.8	28	01	6	30	2	1	3	0	13.9	+2.5	21.8	31	−4	18	−2	61	0	126	29	143
SUEZ											00	8	32	2	0	2	8	13.5	+2.9	23.1			19	−2	70	0	56	17	144
FAIYUM	00	8	32	4	0	0	—	11.9	31.5	27	02	8	30	3	2	5	6	13.9	+2.7	21.8	32	−4	18	−2	67	0	110	8	153
MINYA											00	9	32	3	0	0	—	13.8	+2.4	24.5	35	−1	19	−1	59	0	1	—	154
ASYUT	00	8	26	3	0	0	—	11.0	34.2	24	00	7	22	1	0	0	—	13.2	+2.9	25.1	35	−2	20	−2	47	0	29	4	155
QENA	00	9	06	3	0	0	—	9.2	36.3	15	00	7	32	2	0	0	—	10.7	+2.3	27.0	39	−2	21	−2	38	0	29	—	156
LUXOR	00	7	30	3	0	0	—	10.0	38.0	16	00	7	30	2	0	0	—	11.9		30.8	40	—	20	—		0	tr.	—	157
ASWAN	00	9	04	2	0	0	—	9.1	36.0	16	00	9	02	3	0	0	—	10.8	+2.5	29.0	39	−3	25	−1	22	0	8		158
SIWA	00	8	28	3	0	0	—	15.0	32.5	62	00	7	32	3	0	0	—	16.7	+3.3	23.0	34	−4	19	0	66	0	45	8	148
BAHARIYA	00	9	32	1	0	0	—	13.1	32.0	28	00	9	00	0	0	0	—	14.7	+2.6	22.0	34	—	—	—	58	0	9	—	149
KHARGA	00	9	04	2	0	0	—	11.4	35.0	29	00	9	32	4	0	0	—	13.0	+3.7	27.4	35	−4	22	−1	47	0	10		151
DAKHLA	00	9	28	1	0	0	—	11.9	34.5	22	00	8	04	1	0	0	—	14.3	+3.1	27.5	37	−3	22	−1	35	0	3		152
TOR	00	7	28	2	0	0	—	9.4	31.8	74	00	7	28	1	0	0	—	10.6	+2.4	25.2	31	−2	24	+1	90	0	5	13	145
HURGHADA	00	9	02	6	0	0	—	8.9	31.5	48	00	9	30	5	0	0	—	9.9	+1.5	28.5	34	0	25	+2	43	0	17		146
QUSEIR	00	8	32	3	0	0	—	9.1	30.9	48	00	8	32	3	0	0	—	9.2	+1.1	27.0	32	−1			63	0	20		147
PORT SUDAN																										0	91	97	169
WADI HALFA	00	8	28	4	0	3	1	8	39	08	00	8	30	3	0	0	—	11		28					19	0	6	—	165
KAREIMA	00	8	04	3	1	5	2	7	41	13	00	8	02	3	0	3	1	9		32					11	0	3	2	166
ATBARA	00	8	28	3	1	3	4	6	40	11	01	8	02	3	1	4	4,1	7		32					28	0	13	8	167
KHARTUM																										0	11	12	168
KASSALA	01	8	20	2	1	4	6,4	4	39	15	01	8	16	3	0	4	1,2	8		29					52	0	19	36	170
WAD MEDANI											01	8	16	5	1	3	3	10		29					52	0	47	42	171
DUEIM																										tr	7	41	173
RENK											00	9	30	3	0	0	—	13		27					70	—	—	133	182
ROSEIRES											00	7	14	2	0	0	—	11		26					70	0	126	179	172
EL OBEID	01	9	20	3	1	4	8,4	7	36	27	02	8	12	4	1	5	6,8,4	10		28					52	0	80	54	174
EL FASHER	01	8	12	2	1	4	8	—	38	29																0	17	24	175
GENEINA	01	8	22	2	0	4	8	—	36	19	02	8	00	0	1	5	4,5	—		24					61			54	179
KADUGLI											01	8	20	2	1	4	9	13		26					84			250	187
MALAKAL											00	8	20	3	1	3	4	15		26					74	0	157	268	176
WAU											02	8	20	3	1	5	4	15		23					89	0	302	463	177
JUBA											02	8	18	1	1	8	8,4,5	15		24					94	0	533	549	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON ١٨

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
				8 h 45		7 h. m.	7 h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
				02 33 20		02 32 05	02 01 20							
				05 35 25		05 36 30	05 36 35							
				08 35 15		10 33 45	10 34 60							
				10 36 15		15 30 40	15 33 35							
				15 04 25		20 32 35	20 28 30							
				20 03 30		25 32 30	25 30 15							
				23 04 30		30 27 10	30 30 05							
				25 04 15			35 01 15							
				30 36 20										
				40 23 05										

Forecast for 24 hours from noon on

تغيرات الطقس المتطرفة في ٢٤ ساعة من ظهر يوم

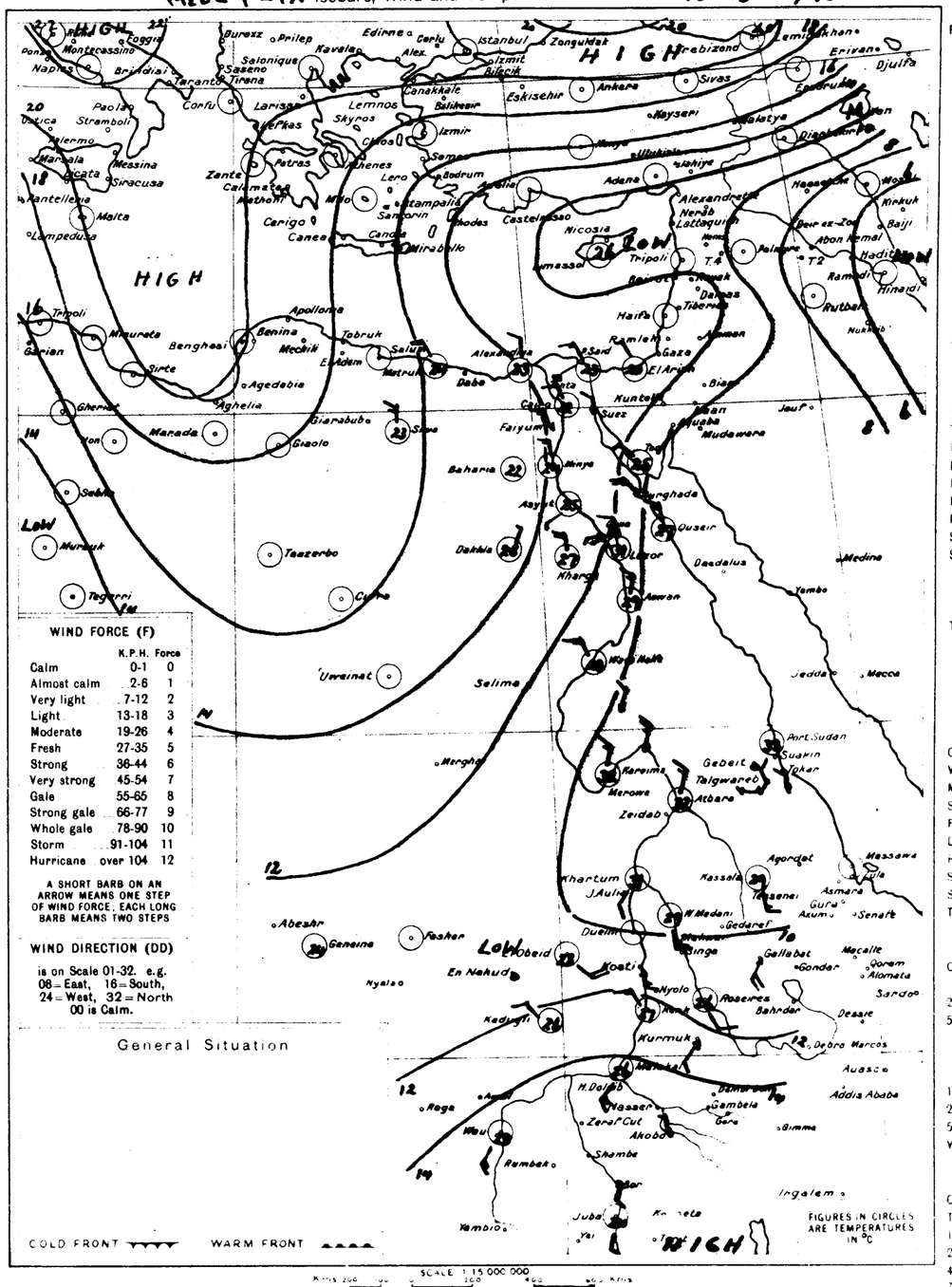
STATION	Mean of day Heights on 17	Diff. from normal	Wet Bulb Temp on 17	Diff. from normal
Alexandria	70	−2	19.2	−2.1
Ezbekiya	55	+1	19.2	−1.5
Giza	57	+3	19.1	−1.2
Helwan	51	+10	17.9	−0.7

Giza Grass minimum on 18 — 15.2 °C

Discharges at Aswan measured by sources m³ per sec

DATE	1945	1944
18-6	1620	1563
17-6	1620	1563

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jubba					
Nasser				8.02	+0.03
Malakal		10.67	−0.17	10.65	−0.17
Roseires				12.15	−0.09
Sennar Res				6.73	
J. Aulia U.S				371.33	
J. Aulia D.S				371.27	0.00
Khartum				10.84	−0.10
Kh. el Girba					
Atbara				19.59	+0.26
Kajnarti				132.74	+0.52
Aswan Res		111.57		111.83	
Aswan D.S.		86.39	+0.06	86.39	+0.07
Roda (Cairo)		16.35	+0.03	16.31	+0.78



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

STATION	PRESENT WEATHER ww	VISIBILITY V	WIND Dir. DD	WIND Force F	PAST WEATHER W	CLOUD Amount N	CLOUD Form C	BAR PRESSURE M.S.L. 1000+ mbs PPP	Diff. from normal mbs	TEMPERATURE Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	RH% UU	RAINFALL Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	9	00	0	0	0	—	11.0	+0.8	26					70	0	600	462
Nag Hammadi	00	8	24	1	0	0	—	12.0		26.5	35		18		46	0	16	—

SHIPS سفن

Remarks

Water Temp River Nile Cairo 25.2 °C

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38 554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO

Time of Sunrise h. 04 m. 54
Sunset h. 18 m. 59

Month JUNE 1945 ١٩٤٥ شهر يونيه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on 18th — الساعة ١٤ يوم ١٨ | At 8 h. on TUESDAY 19th — الساعة ٨ الثلاثاء ١٩

Region	STATION	14h ww Present weather	V Visibility	DD Wind Dir.	F Force	W Past weather	N Cloud Amount	C Form	PPP Bar. press. M.S.L. 1000+ mbs.	TTT °C Temp.	UU % Humidity	8h ww Present weather	V Visibility	DD Wind Dir.	F Force	W Past weather	N Cloud Amount	C Form	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff. from norm. °C	mm Min. Today °C	Diff. from norm. °C	UU % Humidity	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN	SALÛM																						—		—				—	130
	MATRÛH	00	9	30	4	0	0	—	15.5	25.4	79	00	9	30	4	0	0	—	13.5	+1.0	24.8	26	−1	19	−1	82	0	111	161	131
	DIKHEILA																						—		—				—	150
	ALEXANDRIA	00	9	04	3	0	0	—	13.8	26.2	66	01	9	30	2	2	4	4	12.3	0.0	24.2	28	0	21	0	76	0	260	186	132
	DAMIETTA	00	8	28	2	1	0	—	12.7	26.9	72	00	8	04	2	0	0	—	11.4		25.2	28	—	22	—	84	0	110	106	159
	PORT SAÎD	00	8	32	3	0	0	—	12.3	27.0	66	01	8	02	2	1	4	4	11.7	+0.7	245	28	−1	22	+1	77	0	107	81	134
	EL 'ARÎSH	00	9	20	1	0	0	—	11.5	30.4	42	00	9	00	0	0	0	—	12.2	+1.2	21.3	30	+2	19	+1	47	0	318	94	135
LOWER EGYPT	DAMANHÛR	01	6	28	3	1	3	8	12.8	29.0	58	00	6	04	3	0	0	—	11.8	+0.4	25.3	30	−2	18	0	71	0	169	101	136
	MANṢÛRA	01	8	02	2	1	3	8	12.3	31.7	43	01	8	04	1	1	3	8	11.9		26.0	33	−1	18	−1	73	0	102	55	137
	TANTA	02	8	28	3	1	5	8	11.9	32.5	42	01	8	00	0	1	4	8	11.8	+0.2	24.3	33	−1	17	−1	75	0	96	44	138
	ZAGÂZÎG	01	7	28	2	1	4	3	12.3	32.2	43	00	7	24	2	0	0	—	11.4	−0.1	25.8	32	−2	18	0	71	0	57	27	139
MIDDLE EGYPT (CAIRO)	ALMÂZA	00	8	04	2	0	1	8	12.7	31.8	32	00	7	01	1	0	3	6	12.7		23.0	33	—	20	—	73	0	69	—	141
	EZBEKIYA	00	8	28	2	0	3	8	11.4	32.0	36	05	7	30	1	0	1	8	11.9	+0.7	23.8	34	−1	21	+1	71	0	56	26	—
	GÎZA	01	8	28	2	1	3	8	11.2	31.6	31	05	5	30	1	0	0	—	11.9	+0.2	22.9	32	−3	20	+2	78	0	51	27	—
MIDDLE EGYPT	HELWÂN	00	7	32	5	0	0	—	11.2	31.0	28	00	6	28	3	0	0	—	11.6	+0.3	22.7	33	−2	20	0	70	0	126	29	143
	SUEZ	00	9	32	2	0	0	—	11.8	30.1	45	01	8	02	3	1	4	8	11.6	+1.1	24.3	32	−3	21	−1	80	0	56	17	144
UPPER EGYPT	FAIYÛM	00	8	32	3	0	0	—	10.8	31.4	26	00	8	32	3	0	0	—	11.5	+0.4	24.8	33	−3	20	0	58	0	110	8	153
	MINYA											00	9	30	3	0	0	—	10.7	+0.3	24.4	33	−3	20	0	58	0	1	—	154
	ASYÛT	00	8	30	3	0	0	—	10.8	31.1	22	00	7	30	2	0	0	—	10.3	+0.1	24.9	33	−4	20	−2	62	0	29	4	155
	QENA	00	9	24	2	0	0	—	9.0	36.6	13	00	8	24	2	0	0	—	7.9	−0.4	25.0	38	−3	21	−2	39	0	29	—	156
	LUXOR	00	7	30	3	0	0	—	10.0	35.0	19	00	7	26	2	0	0	—	8.2		31.0	37	—	19	—	27	0	tr	—	157
	ASWÂN	00	9	32	2	0	0	—	8.0	39.0	17	00	9	24	1	0	0	—	8.6	+0.2	28.0	39	−3	24	−2	23	0	8		158
WESTERN DESERT	SÎWA	00	8	32	3	0	0	—	15.9	32.0	43	00	7	00	0	0	0	—	15.6	+2.2	26.5	32	−6	20	+1	57	0	45	8	148
	BAHARÎYA	00	9	32	1	0	0	—	13.4	30.5	47	00	9	08	1	0	0	—	13.8	+1.8	23.0	33	—	—	—	66	0	9	—	149
	KHÂRGA	00	9	32	4	0	0	—	11.2	33.0	30	00	9	32	2	0	0	—	12.2?	+3.0	26.2	34	−5	21	−2	72	0	10		151
	DÂKHLA	00	9	28	2	0	0	—	12.0	32.5	24	00	8	32	2	0	0	—	12.2	+1.4	26.5	34	−6	21	−2	40	0	3	—	152
RED SEA	TÔR	00	7	28	2	0	0	—	9.0	27.2	82	00	7	28	1	0	0	—	6.8	−1.3	25.3	29	−4	23	0	98	0	5	13	145
	HURGHÂDA	00	9	02	5	0	0	—	9.7	32.0	36	00	9	30	5	0	0	—	—	—	28.5	34	0	22	−1	37	0	17		146
	QUṢEIR	00	8	32	3	0	0	—	8.7	29.4	69	00	8	30	2	0	0	—	6.4	−1.6	27.5	30	−3	23	−3	49	0	20		147
	PORT SUDAN																										0	91	97	169
NORTH SUDAN	WÂDI HALFA	00	8	26	4	0	1		8	37	13	00	8	30	2	0	0	—	10		27					19	0	6	—	165
	KAREIMA	00	8	32	3	0	3	1/2	6	39	09	00	8	06	2	0	0	—	8		31					19	0	3	2	166
	'AṬBARA	01	8	28	3	1	4	4	5	40	11			00	0	0	0	—									0	13	8	167
	KHARTÛM																										0	11	12	168
	KASSALA	01	8	28	4	0	3	8	4	40	28																0	19	32	170
CENTRAL SUDAN	WAD MEDANI	02	8	25	1	1	5	8	4	40	14	01	8	24	4	1	3	3	7		30					43	0	47	44	171
	DUEIM																										6	13	42	173
	RENK	00	9	28	3	0	0	—	8	34	32									—			—		—		—	—	136	182
	ROSEIRES	00	7	26	2	0	0	—	7	36	42	00	7	16	2	0	0	—	10		26					74	0	126	184	172
	EL OBEID	02	9	20	3	1	5	8,4	6	37	24	00	9	24	3	0	0	—	—		26					58	0	80	56	174
	EL FÂSHER											01	9	18	1	0	4	4	—		27					58	0	17	24	175
	GENEINA	01	9	18	2	1	5	8,4	—	33	32	02	9	00	0	1	8	4	—		23					74	0	—	56	179
	KADUGLI	02	8	28	2	1	5	8	9	34	36	02	8	08	2	1	6	8	10		24					84	—	—	254	187
S. SUDAN	MALAKÂL	01	8	16	3	1	4	8	9	36	40	01	8	00	0	1	4	4	10		26					66	0	157	273	176
	WÂU	01	8	20	2	1	3	8	10	32	46	95	6	20	2	9	8	9	12		23					—	8	310	469	177
	JÛBA																											838	554	178

UPPER WINDS ON 19th — الرياح العليا يوم ١٩

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAÎD	HELWÂN (8 h. 30 m.)	MINYA	ASYÛT (7 h.)	ASWÂN (7 h.)	WÂDI HALFA	KAREIMA (7 h.)	KHARTÛM	KASSALA (7 h.)	EL OBEID	MALAKÂL	JÛBA
				02 36 30		02 35 35			10 35 30		10 22 30			
				05 01 30		05 01 40	05 34 30		15 34 10		15 24 25			
				08 01 45		10 36 30	10 34 50		20 27 20		20 27 20			
				10 01 30		15 34 30	15 27 15		25 28 35		25 29 20			
				15 04 20		20 30 10	20 20 40		30 29 25					
				17 04 20		25 32 20	25 19 25		40 21 25					
									50 21 15					
									60 16 05					

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 18th	Diff. from normal	Wet bulb temp °C on 18th	Diff. from normal
Alexandria	80	+8	21.1	−0.3
Ezbekiya	57	+3	20.3	−0.5
Giza	53	−1	19.4	−0.9
Helwân	44	+2	18.3	−0.4

Giza Grass minimum on 19th 17.4 °C

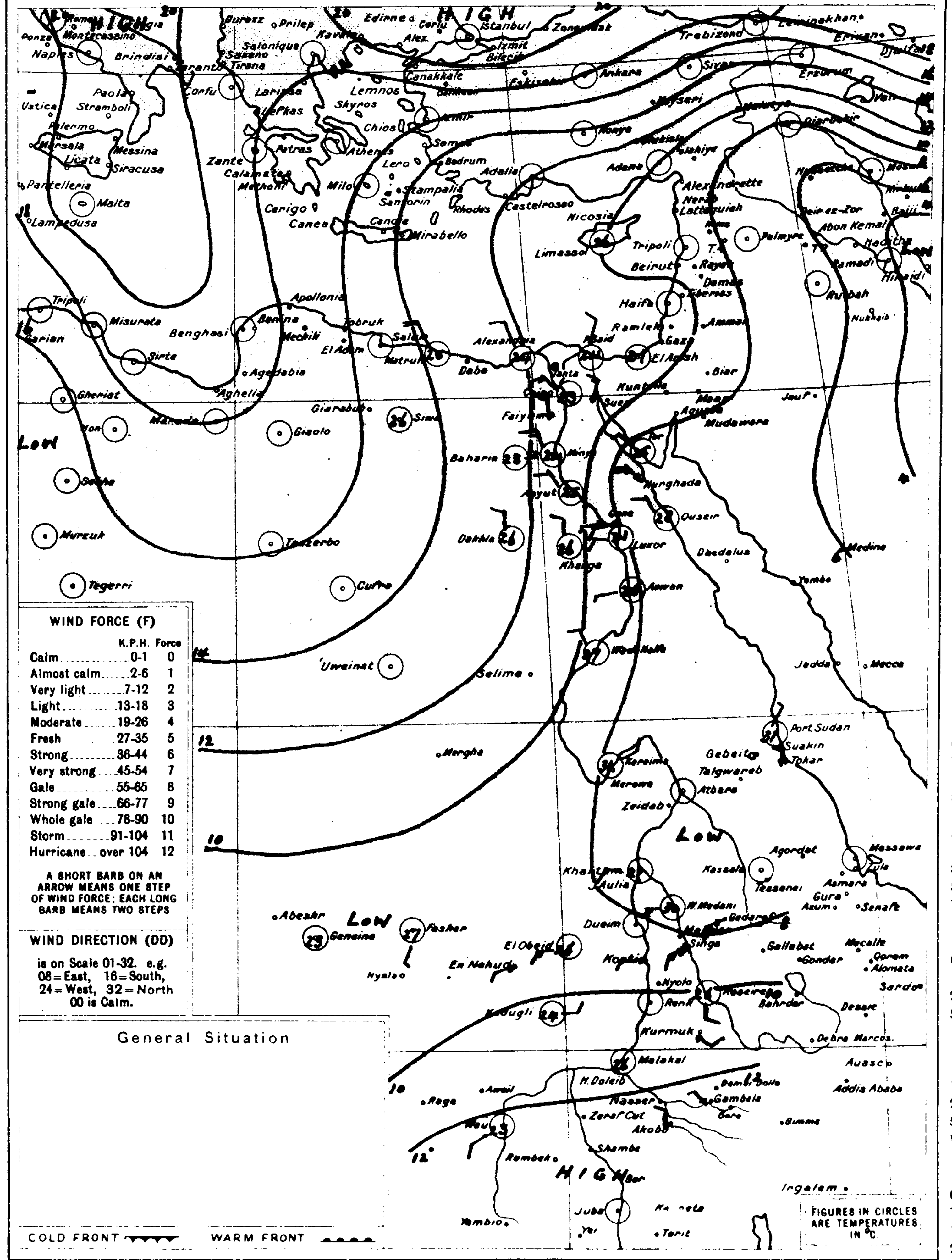
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
19-6	1620	1620
18-6	1620	1563

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba				12.94	−0.56
Nâsser				8.09	+0.07
Malakâl		10.69	−0.17	10.67	−0.17
Roseires	19-6	13.29	−0.03	13.32	+0.05
Sennâr Res				6.71	
J. Aulia U.S				371.34	
J. Aulia D.S				371.29	−0.01
Khartum				10.90	−0.07
Kh. el Girba				11.40	+0.31
'Atbara				10.65	+0.30
Kajnarti		132.57	+0.28	132.67	+0.41
Aswân Res.		111.38		111.57	
Aswân D.S.		86.40	+0.05	86.39	+0.06
Roda (Cairo)		16.07	+0.93	16.36	+0.83

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

Isobars, Wind and Temperature at 8 h. 19-6-1945 — ١٩٤٥-٦-١٩



At 8 h. on 19th — الساعة ٨ يوم ١٩

STATION	ww Present weather	V Visibility	DD Wind Dir.	F Force	W Past weather	N Cloud Amount	C Form	PPP M.S.L. 1000+ mbs.	Diff from normal mbs	TTT Dry Bulb °C	MM Max. Yesterday °C	Diff from norm. °C	mm Min. Today °C	Diff. from norm. °C	UU % Humidity	Rain Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.
Limassol	00	9	00	0	0	0	—	9.5	−0.5	26					74	0	644	462
Nag Hamadi	00	8	24	1	0	0	—	9.0		26.1	33		17		41	0	16	—

SHIPS سفن

Remarks

Water Temp River Nile Cairo 25.3 °C

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 04 h. 54 m.
Sunset 18 h. 59 m.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1946 ١٩٤٥ شهر يونيه

At 14 h. on 19th ١٩ الساعة ١٤ يوم — At 8 h. on WEDNESDAY 20th ٢٠ الساعة ٨ يوم الأربعاء

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max Diff. from norm. °C	Minimum Today °C mm	Min Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																													
SALUM																						—		—				—	130
MATRUH	00	9	32	4	0	0	—	13.0	26.8	76	01	9	28	3	1	4	8	12.4	0.0	24.0	27	0	21	+1	79	0	111	161	131
DIKHEILA																						—		—				—	150
ALEXANDRIA	01	9	02	4	2	3	8	11.4	26.2	67	01	9	32	2	2	4	4	11.4	-0.8	23.2	28	0	21	0	81	0	260	186	132
DAMIETTA	00	8	30	3	0	0	—	10.0	27.9	68	00	7	30	2	4	0	—	9.4		25.0	30	—	21	—	72	0	110	106	159
PORT SAID	00	8	32	2	0	0	—	9.6	28.7	61	00	8	30	2	0	0	—	9.1	-1.8	24.9	29	0	21	0	75	0	107	81	134
EL 'ARISH	00	9	20	1	0	0	—	9.7	29.7	47	00	9	20	1	0	0	—	—	—	20.4	30	+1	19	+1	52	0	318	94	135
LOWER EGYPT																													
DAMANHUR	01	6	28	3	1	3	8	10.3	30.6	49	01	6	28	3	1	3	8	10.6	-0.6	24.6	31	-1	19	+1	76	0	169	101	136
MANSURA	00	8	04	2	1	0	—	9.6	33.6	27	00	8	02	2	0	0	—	10.3	—	25.5	34	0	18	-1	72	0	102	55	137
TANTA	00	8	00	0	1	0	—	9.4	32.8	32	00	8	00	0	0	0	—	10.4	-1.0	25.0	35	+1	18	0	76	0	96	44	138
ZAGAZIG	00	7	32	2	0	0	—	11.1	33.1	35	00	7	24	2	0	0	—	10.3	-1.1	22.2	34	0	19	+1	68	0	57	27	139
MIDDLE EGYPT																													
CAIRO ALMAZA	00	8	04	2	0	0	—	9.9	33.2	28	00	7	30	1	0	0	—	10.7		23.4	35	—	20	—	75	0	69		141
CAIRO EZBEKIYA	00	9	28	2	0	0	—	8.8	33.0	30	05	6	28	1	0	0	—	10.3	-0.8	24.2	35	0	21	+1	67	0	56	26	—
CAIRO GIZA	00	8	28	2	0	0	—	8.4	33.3	33	00	6	30	1	0	0	—	10.3	-1.4	22.7	34	-1	20	+2	78	0	51	27	—
HELWAN	00	7	02	4	0	0	—	8.2	32.3	23	06	6	26	2	0	0	—	10.6	-0.6	22.1	34	-1	19	-1	73	0	126	29	143
SUEZ	00	9	32	2	0	0	—	8.3	33.4	32	00	8	02	2	0	1	8	10.0	-0.4	25.0	35	0	20	-2	75	0	56	17	144
UPPER EGYPT																													
FAIYUM	00	8	32	4	0	0	—	8.4	32.7	22	00	8	32	3	0	0	—	10.3	-0.7	23.8	34	-2	20	0	63	0	110	8	153
MINYA	00	9	32	4	0	0	—	8.6	33.7	17	00	9	28	3	0	0	—	9.8	-0.5	24.8	34	-2	21	+1	62	0	1	—	154
ASYUT	00	8	30	3	0	0	—	7.8	32.0	28	00	7	22	1	0	0	—	9.8	-0.3	25.1	35	-2	21	-1	54	0	29	4	155
QENA	00	9	22	2	0	0	—	5.6	38.1	19	00	8	22	3	0	0	—	8.7	+0.5	27.2	38	-3	22	-1	37	0	29	—	156
LUXOR	00	7	22	2	0	0	—	7.4	36.0	17	00	7	30	2	0	0	—	8.0	—	31.8	39	—	20	—	31	0	tr.	—	157
ASWAN	00	9	32	1	0	0	—	6.0	36.0	13	00	9	16	1	0	0	—	7.8	-0.6	30.4	38	-4	24	-2	21	0	8	—	158
WESTERN DESERT																													
SIWA	00	8	28	3	0	0	—	13.8	35.8	48	03	7	28	2	2	8	4	14.2	+0.9	22.5	37	-1	18	-2	70	0	45	8	148
BAHARIYA	00	9	32	1	0	0	—	10.4	32.6	39	00	9	00	0	0	0	—	12.0	+0.1	22.0	34	—	—	—	66	0	9	—	149
KHARGA	00	9	32	1	0	0	—	8.6	33.8	34	00	9	14	1	0	0	—	10.4	+1.3	25.6	35	-4	20	-3	48	0	10	—	151
DAKHLA	00	9	28	2	0	0	—	9.6	33.6	30	00	8	24	1	0	0	—	11.6	+0.9	26.5	34	-5	22	-1	40	0	3	—	152
RED SEA																													
TOR	00	7	28	2	0	0	—	7.1	28.1	15	00	7	28	1	0	0	—	8.2	+0.2	25.6	28	-5	23	0	66	0	5	13	145
HURGHADA	00	9	30	5	0	0	—	—	31.6	33	00	9	30	5	0	0	—	7.4	-0.9	29.5	33	-1	23	0	33	0	17	—	146
QUSEIR	00	8	32	2	0	0	—	5.9	30.6	63	00	8	30	2	0	0	—	6.0	-1.9	28.8	31	-2	23	-3	49	0	20	—	147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WADI HALFA	00	8	26	4	0	0	—	7	36	08	00	8	00	0	0	0	—	10		27					15	0	6	—	165
KAREIMA	00	8	24	2	0	2	1	5	39	07	00	8	04	1	0	0	—	9		29					19	0	3	2	166
ATBARA	01	8	28	3	1	4	1	4	39	07	00	8	24	3	0	0	—	9		29					20	0	13	8	167
KHARTUM																										0	11	13	168
KASSALA	01	8	30	2	1	4	—	5	40	06	00	8	22	4	0	3	4,1	8		29					52	0	19	39	170
CENTRAL SUDAN																													
WAD MEDANI	02	8	32	2	1	5	8	4	41	05	00	9	20	4	0	1	1	9		28					55	0	47	45	171
DUEIM																										0	13	43	173
RENK	01	9	18	3	1	4	9	—	36	31	01	9	16	3	1	4	4	—	—	24		—		—	74	—	—	138	182
ROSEIRES	02	8	12	2	1	6	4	5?	38	07	02	7	12	2	1	6	9	10		31					—	0	126	189	172
EL OBEID	02	8	08	3	0	5	8,4	4	37	24	00	9	32	4	1	3	1	10		28					58	3	83	57	174
EL FASHER	02	9	20	2	1	5	8,4	—	36	20	02	9	30	1	1	6	4	—		26					51	0	17	25	175
GENEINA	02	9	18	3	1	5	6,4	—	27	45	01	9	16	2	1	4	4	—	—	24					69	—	—	58	179
KADUGLI	01	8	20	2	1	4	8	6	32	43																		258	187
S. SUDAN																													
MALAKAL	02	8	18	4	1	5	8,4	6?	27	37	02	8			6	6	4	12		23					84	1	158	278	176
WAU	02	8	22	3	1	5	8,4	8	28	62																0	310	475	177
JUBA	02	8	00	0	6	7	9,5	11	27	70	02	8	00	0	1	8	6,4	14		23					94	3	536	559	178

UPPER WINDS ON 20th ٢٠ الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN 8 h. 30 m.	MINYA	ASYUT 7 h.	ASWAN 7 h.	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
				02 32 15		02 30 30								
				05 03 20		05 02 35	05 34 20							
				08 01 30		10 34 35	10 31 20							
				10 03 25		15 31 20	15 24 20							
				15 07 35		20 30 10	20 22 35							
				20 08 30		25 18 15								
				23 12 25		30 20 05								
				25 14 20		40 17 25								
				30 25 15										
				33 04 05										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 19th	Diff. from normal	Wet Bulb Temp °C on 19th	Diff. from normal
Alexandria	79	+7	21.4	-0.1
Ezbekiya	56	+1	20.4	-0.5
Giza	54	0	20.7	+0.4
Helwan	45	+3	18.7	-0.1

Giza Grass minimum on 20th 18.2 °C

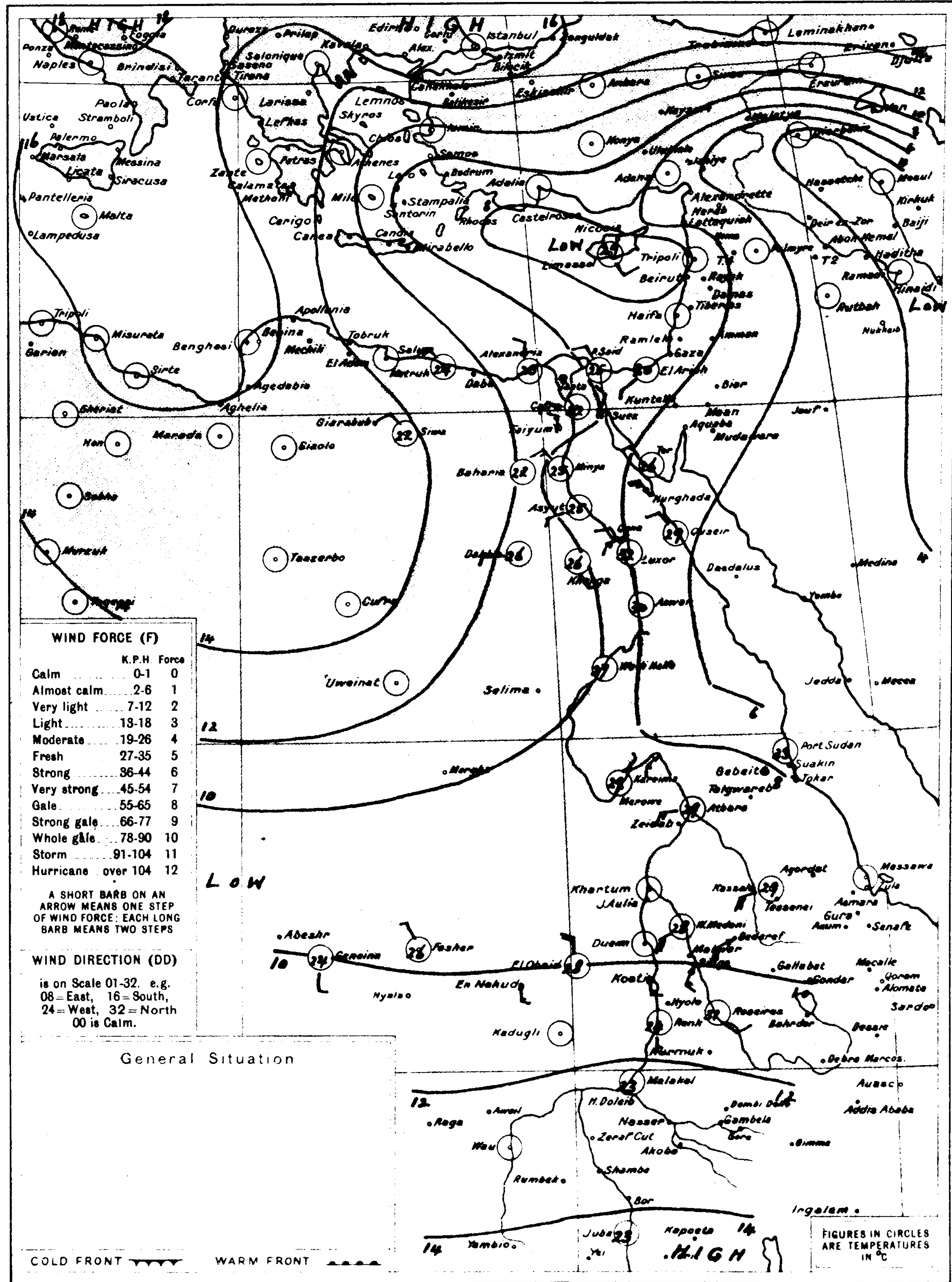
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
20-6	1620	1620
19-6	1620	1620

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba				13.26	-0.24
Nasser				8.12	+0.04
Malakal		10.73	-0.15	10.69	-0.17
Roseires		13.40	+0.04	13.29	-0.03
Sennar Res.				6.69	—
J. Aulia U.S				371.38	—
J. Aulia D.S				371.33	+0.01
Khartum				11.05	+0.02
Kh. el Girba				11.20	+0.07
Atbara		10.70	+0.30	10.68	+0.31
Kajnarti				732.57	+0.28
Aswan Res.		111.14	—	111.38	—
Aswan D.S.		86.39	+0.02	86.40	+0.05
Roda (Cairo)		16.49	+0.95	16.47	+0.93

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٦-٢٠ Isobars, Wind and Temperature at 8 h. 20-6-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ●●●●

SCALE 1:15,000,000 — Kms 200 100 0 200 400 600 Kms

At 8 h. on 20th الساعة ٨ يوم ٢٠

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Max Diff. from norm. °C	Minimum Today °C mm	Min Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	9	12	2	0	0	—	7.9	-2.0	29					35	0	644	462
Nag hamadi	00	8	26	1	0	0	—	6.4		27.9	35		20		45	0	16	—
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 25.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

PRESENT WEATHER ww

- Clear 00
- Partly cloudy 01
- Cloudy 02
- Overcast 03
- Low Fog 04
- Thin Haze 05
- Dust Devils 06
- Distant Lightning 07
- Light Mist or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick ,, ,, ,, ,, 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- ,, of Snow 83, 84
- ,, of Sleet 85, 86
- ,, of Hail 88, 89
- Thunderstorm 90-99
- ,, ended, now Rain 91
- ,, with Hail 94-96
- ,, with Duststorm 98
- ,, heavy, with Hail 99

PAST WEATHER (W)

- Clear, slight cloud 0
- Variable sky 1
- Mainly overcast 2
- Sandstorm, Duststorm 3
- Fog, thick dust haze 4
- Drizzle 5
- Rain 6
- Snow, sleet 7
- Showers 8
- Thunderstorm 9

VISIBILITY (V)

Objects not visible at
- 50 metres 0
- 200 ,, 1
- 500 ,, 2
- 1 Kilometre 3
- 2 ,, 4
- 4 ,, 5
- 10 ,, 6
- 20 ,, 7
- 50 ,, 8
- Visible over 50 kms. 9

CLOUD AMOUNT (N)

- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

CLOUD FORM (C)

- Cirrus 1
- Cirro-stratus 2
- Cirro-cumulus 3
- Alto-cumulus 4
- Alto-stratus 5
- Strato cumulus 6
- Nimbo-stratus 7
- Cumulus 8
- Cumulo-nimbus 9
- Stratus 0

CAIRO
Time of Sunrise h. 04 m. 54
Sunset 18 59

Month JUNE 1945 ١٩٤٥ شهـ يونيـه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	At 14 h. on 20th ٢٠ الساعة ١٤ يوم: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	At 8 h. on THURSDAY 21st الخميس ٢١ الساعة ٨: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN: SALÛM																						—		—				—	130
MATRÛH	00	9	02	2	1	0	—	12.0	26.0	76	00	9	28	3	0	0	—	13.5	+1.2	23.8	27	0	18	-2	86	0	111	161	131
DIKHEILA																						—		—				—	150
ALEXANDRIA	00	9	02	4	0	0	—	11.4	25.6	72	00	9	28	1	0	0	—	13.0	+1.0	24.0	27	-1	21	0	77	0	260	186	132
DAMIETTA	00	8	30	3	0	0	—	9.2	26.9	75	00	7	28	2	4	0	—	11.6		25.2	29	—	19	—	80	0	110	106	159
PORT SAÏD	00	8	30	3	0	0	—	9.5	28.3	70	01	8	26	2	1	4	4	11.6	+0.9	24.5	29	0	22	+1	78	0	107	81	134
EL 'ARÎSH	00	9	30	1	0	0	—	9.7	24.4	41	00	9	00	0	0	0	—	10.9	+0.1	20.4		—		—	53	0	318	94	135
LOWER EGYPT: DAMANHÛR	00	7	28	3	1	0	—	9.9	30.2	42	00	6	28	3	0	0	—	12.2	+1.1	24.3	31	-1	18	0	73	0	169	101	136
MANŞÛRA	01	8	30	2	1	3	8	9.5	32.5	39	00	8	28	1	0	0	—	12.6		25.0	34	0	19	0	74	0	102	55	137
TANTA	00	8	28	3	0	0	—	9.2	33.0	70	00	8	00	0	0	0	—	12.6	+1.3	24.0	34	-1	16	-2	75	0	96	44	138
ZAGÂZIG	00	7	28	2	0	0	—	10.3	34.8	28	00	7	24	2	0	0	—	13.0	+1.7	26.1	35	0	19	+1	70	0	57	27	139
MIDDLE EGYPT: CAIRO ALMÂZA	00	8	04	1	0	0	—	9.8	34.9	22	05	6	00	0	2	1	6	13.3		23.4	36	—	19	—	74	0	69	—	141
CAIRO EZBEKIYA	00	9	28	2	0	0	—	8.6	34.0	22	05	6	00	0	0	0	—	12.7	+1.6	24.0	36	+1	20	0	71	0	56	26	—
CAIRO GIZA	00	8	28	2	0	0	—	8.7	34.4	20	05	5	00	0	0	0	—	12.8	+1.2	22.9	35	0	19	+1	79	0	51	27	—
HELWÂN	00	8	28	4	0	0	—	8.2	33.8	18	00	6	30	3	0	0	—	13.0	+1.8	22.1	35	0	19	-1	75	0	126	29	143
SUEZ	00	9	02	2	0	0	—	8.7	33.5	27	00	8	32	2	0	0	—	12.6	+2.3	24.0	35	0	19	-3	77	0	56	17	144
UPPER EGYPT: FAIYÛM	00	8	02	3	0	0	—	8.4	33.8	14	00	8	32	2	0	0	—	12.7	+1.8	24.0	35	-1	20	0	60	0	110	8	153
MINYA	00	9	28	3	0	0	—	9.2	35.2	29	00	9	32	3	0	0	—	11.9	+1.7	25.0	36	0	22	+2	64	0	1	—	154
ASYÛT	00	8	22	1	0	0	—	8.6	34.0	22	00	7	26	1	0	0	—	11.4	+1.4	26.5	35	-2	20	-2	41	0	29	4	155
QENA	00	9	16	1	0	0	—	6.9	38.2	19	00	8	24	2	0	0	—	9.5	+1.4	28.3	40	-1	23	0	30	0	29	—	156
LUXOR	00	7	26	2	0	0	—	7.4	38.7	18	00	7	26	1	0	0	—	10.4		29.5	40	—	20	—	37	0	tr	—	157
ASWÂN	00	9	16	1	0	0	—	6.0	37.0	17	00	9	00	0	0	0	—	9.5	+1.2	30.6	40	-2	24	-2	21	0	8		158
WESTERN DESERT: SÎWA	00	8	24	2	0	0	—	13.5	33.0	39	00	7	00	0	0	0	—	14.0	+0.7	27.0	34	-4	20	0	49	0	45	8	148
BAHARÎYA	00	9	00	0	0	0	—	10.4	32.0	41	00	9	00	0	0	0	—	13.0	+1.2	24.0	34	—	—	—	67	0	9	—	149
KHARGA	00	9	30	1	0	0	—	11.2	35.3	38	00	9	00	0	0	0	—	12.0	+2.9	24.2	36	-3	19	-4	41	0	10		151
DÂKHLA	00	9	28	2	0	0	—	9.5	33.3	25	00	8	00	0	0	0	—	13.2	+2.6	26.5	35	-5	18	-5	37	0	3	—	152
RED SEA: TÔR	00	7	28	1	0	0	—	6.7	29.5	49	00	7	28	1	0	0	—	9.4	+1.5	27.2	31	-2	20	-4	56	0	5	13	145
HURGHÂDA	00	9	02	5	0	0	—	—	32.0	33	00	9	30	4	0	0	—	—	—	29.0	34	0	—	—	37	0	17		146
QUŞEIR	00	8	02	2	0	0	—	6.4	29.6	63	00	8	30	3	0	0	—	8.6	+0.8	28.4	31	-2	24	-2	43	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN: WÂDI HALFA	00	8	26	4	0	0	—	8	37	11	00	8	00	0	0	0	—	11		27					17	0	6	—	165
KAREIMA	00	8	28	3	0	0	—	5	38	09	00	8	04	2	0	3		9		33					11	0	3	2	166
'ATBARA	00	8	04	1	0	0	—	4	39	04	01	8	30	1	0	5	1,2	9		29					40	0	13	8	167
KHARTÛM																										0	11	13	168
KASSALA	00	8	28	2	0	1	8	5	38	21	01	8	30	2	0	3	4	9		30					49	0	19	40	170
CENTRAL SUDAN: WAD MEDANI	00	8	00	0	0	1	5	4	38	18	01	9	18	3	1	4	1	9		30					43	0	47	46	171
DUEIM																										0	13	44	173
RENK	01	9	30	2	1	3	5	9	33	44	01	9	18	3	1	4	8	12	—	27		—		—	70	—	—	141	182
ROŞEIRES	02	7	04	4	1	6	4	11	31	55	02	7	16	2	1	6	4	11		27					74	0	126	194	172
EL OBEID	02	9	04	2	1	5	9	5	37	25	00	9	16	3	0	3	1,2	11		27					22	0	83	59	174
EL FÂSHER	02	9	04	1	1	5	8,4	—	36	19	02	9	20	1	1	5	4,5,8	—		28					45	0	17	25	175
GENEINA	01	9	00	0	1	5	8	—	32	26	01	8	00	0	1	5	4	—		24								60	179
KADUGLI	02	8	12	3	1	5	9	9	32	41	02	8	04	2		7	9	12		24								262	187
S. SUDAN: MALAKÂL	02	8	20	1	5	6	8,4,5	10	21	88	02	8	14	3	1	7	6,4,5	13		26					84	tr.	158	283	176
WÂU	02	8	20	1	6	7	6,5	11	19	83	02	9	00	0	1	6	4,5	13								tr.	310	481	177
JÛBA											02	8	00	0	1	6	4,5	15		23					84	0	536	564	178

UPPER WINDS ON 21st ٢١ الرياح العليا يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM h. m.	MATRÛH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWÂN 8 h. 15 m.	MINYA h. m.	ASYUT 7 h. m.	AŞWÂN 7 h. m.	WÂDI HALFA 6 h. 45 m.	KAREIMA 7 h. 30 m.	KHARTÛM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKÂL 7 h. 30 m.	JÛBA h. m.
				02 34 20		02 33 15		10 33 25	05 34 25				10 15 20	
				05 35 30		05 02 20	05 34 40	15 31 25	15 31 15				15 15 30	
				08 07 25		10 35 25	10 31 25		20 27 30				20 12 20	
				10 08 30		15 32 20	15 26 10		25 25 30					
				15 34 10		20 30 10	20 18	35 22 30	30 24 30				40 07 30	
				20 29 15		23 19 25		40 21 40					50 09 45	
				23 27 30		25 27 10		50 17 60						
				25 29 20		30 02 10								
				30 22 15		40 02 05								
				40 11 05										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 20th	Diff. from normal	Wet Bulb Temp °C on 20th	Diff. from normal
Alexandria	80	+8	21.2	-0.3
Ezbekiya	53	-2	20.2	-0.8
Giza	53	-1	19.5	-0.9
Helwân	51	+9	18.9	+0.1

Giza Grass minimum on 21st 18.1 °C

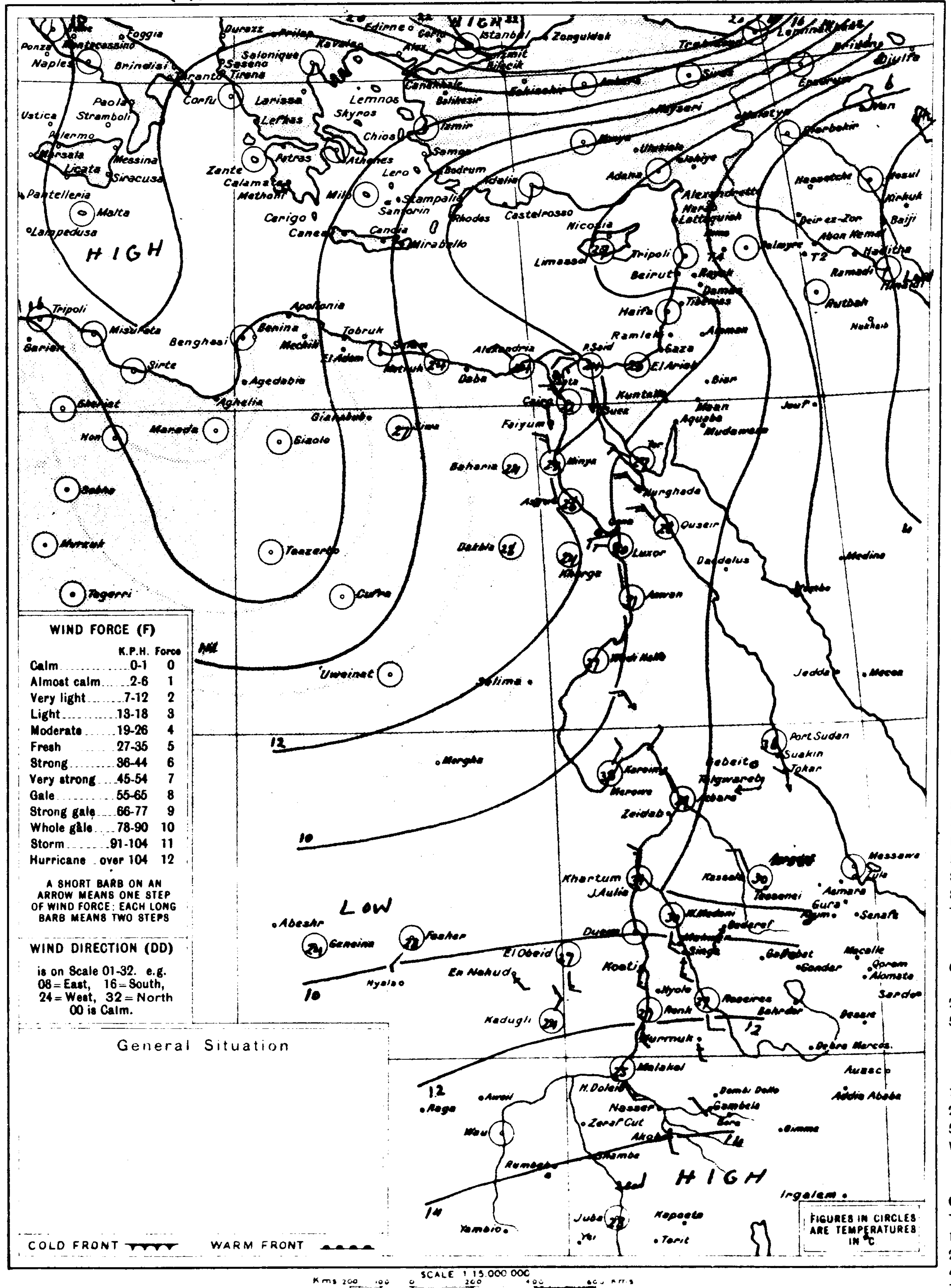
Discharges at Aswân measured by sluices m.³ per sec.

DATE	1945	1944
21-6	1620	1620
20-6	1620	1620

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	21-6			13.01	-0.49
Naşser					
Malakâl				10.73	-0.15
Roşeires		13.24	-0.15	13.40	+0.04
Sennâr Res.				6.61	
J. Aulia U.S				371.41	
J. Aulia D.S				371.36	+0.02
Khartûm				11.08	+0.02
Kh. el Girba				11.20	+0.02
'Atbara				10.70	+0.30
Kajnarti				132.45	+0.13
Aswân Res.		110.86		111.19	
Aswân D.S.		86.38	-0.01	86.39	+0.02
Roda (Cairo)		16.49	+0.95	16.49	+0.95

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٦-٢١ Isobars, Wind and Temperature at 8 h. 21-6-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gâle	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE: EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North 00 is Calm.

General Situation

COLD FRONT WARM FRONT

STATION محطة	At 8 h. on 21st ٢١ الساعة ٨ يوم: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff from normal mbs	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff from norm °C	Minimum Today °C mm	Diff from norm °C	Humidity UU	Rainfall Past 24 hrs mms	Total from Oct 1 mms	Normal from Oct 1 mms
Limassol	00	9	10	2	0	0	—	9.4	-0.4	27					58	0	644	462
Nag Hamadi	00	8	00	0	0	0	—	10.6		26.5	35		18		46	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 15.

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 04 h 54 m.
Sunset 18 59

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1945 ١٩٤٥ شهر يونيه

STATION	At 14 h. on 21st ٢١ الساعة ١٤ يوم: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	At 8 h. on FRIDAY 22nd الساعة ٨ يوم الجمعة ٢٢: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN: SALUM																													—	130
MATRUH	00	9	30	2	0	0	—	13.6	25.2	87	00	9	32	3	0	0	—	14.0	+1.8	24.9	26	-1	19	-1	84	0	111	161	131
DIKHEILA																												—	150
ALEXANDRIA	00	9	28	3	0	0	—	11.8	26.9	66	00	9	28	2	0	0	—	13.5	+1.6	23.4	28	-1	21	0	80	0	260	186	132
DAMIETTA	00	8	30	3	0	0	—	11.4	26.8	74	00	6	22	1	4	0	—	12.0		25.1	30	—	19	—	82	0	110	106	159
PORT SAID	00	8	32	3	0	0	—	11.4	28.2	68	00	8	26	2	0	1	8	12.6	+2.0	24.9	29	-1	21	0	80	0	107	81	134
EL 'ARISH	00	9	30	1	0	0	—	10.4	29.3	54																	318	94	135
LOWER EGYPT: DAMANHUR	00	6	24	3	0	0	—	11.9	29.6	49	00	6	28	3	0	0	—	13.1	+2.1	24.6	31	-1	17	-1	77	0	169	101	136
MANSURA	00	8	02	2	0	0	—	11.1	34.0	22	08	4	02	2	4	0	—	13.1		21.5	35	+1	18	-1	91	0	102	55	137
TANTA	00	8	00	0	0	0	—	11.2	34.6	27	02	8	00	0	2	7	9	13.6	+2.4	23.0	35	0	16	-2	77	0	96	44	138
ZAGAZIG	00	7	28	2	0	0	—	11.9	33.5	29	02	7	22	2	1	5	8	13.1	+1.9	21.6	34	-1	18	0	93	0	57	27	139
MIDDLE EGYPT: CAIRO ALMAZA	00	8	26	2	0	0	—	12.2	34.2	25	42	4	28	1	4	8	6	14.0		20.9	35	—	19	—	90	0	69	—	141
CAIRO EZBEKIYA	00	8	26	1	0	0	—	11.5	33.5	19	09	5	00	0	2	0	—	13.2	+2.2	23.4	35	0	19	-1	78	0	56	26	—
CAIRO GIZA	00	8	30	2	0	0	—	11.1	35.1	18	09	6	00	0	2	0	—	13.2	+1.7	22.3	36	+1	18	0	80	0	51	27	—
HELWAN	00	8	26	4	0	0	—	10.6	33.1	14	08	4	26	3	2	0	—	13.0	+1.9	21.9	34	-1	19	-1	81	0	126	29	143
SUEZ	00	9	02	2	0	0	—	11.0	33.8	28	00	8	32	2	0	0	—	13.1	+2.9	25.2	35	0	—	—	73	0	56	17	144
UPPER EGYPT: FAIYUM	00	8	32	4	0	0	—	10.8	34.0	08	00	8	32	2	0	0	—	13.1	+2.3	26.2	35	-1	19	-1	41	0	110	8	153
MINYA	00	9	28	2	0	0	—	11.6	36.4	29	00	9	28	2	0	0	—	12.7	+2.6	26.0	36	0	20	0	50	0	1	—	154
ASYUT	00	8	28	3	0	0	—	9.9	35.1	15	00	7	22	1	0	0	—	12.0	+2.1	28.0	36	-1	19	-3	39	0	29	4	155
QENA	00	9	16	1	0	0	—	—	38.2	19																	29	—	156
LUXOR	00	7	22	2	0	0	—	8.7	39.0	14	00	7	32	1	0	0	—	11.0		28.3	40	—	22	—	40	0	tr.	—	157
ASWAN	00	9	32	1	0	0	—	8.2	38.0	12	00	9	28	1	0	0	—	9.6	+1.4	28.5	40	-2	26	0	16	0	8	—	158
WESTERN DESERT: SIWA	00	8	24	2	0	0	—	13.6	34.2	45	00	7	04	1	0	0	—	15.2	+2.0	26.5	35	-3	20	0	53	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	12.0	33.6	36	00	9	08	1	0	0	—	13.4	+1.8	25.0	35		—		54	0	9	—	149
KHARGA	00	9	28	1	0	0	—	10.7	36.8	36	00	9	32	1	0	0	—	12.2	+3.2	28.5	37	-2	19	-4	30	0	10	—	151
DAKHLA	00	9	28	2	0	0	—	11.4	34.5	25	00	8	28	1	0	0	—	13.4	+2.8	28.0	36	-4	19	-4	36	0	3	—	152
RED SEA: TOR	00	7	28	1	0	0	—	8.8	29.2	50	00	7	31	1	0	0	—	11.1	+3.3	26.8	—	—	20	-4	52	0	5	13	145
HURGHADA	00	9	30	3	0	0	—	—	31.5	33	00	9	30	5	0	0	—	9.9	+1.8	29.5	33	-1	22	-2	33	0	17	—	146
QUSEIR	00	8	02	2	0	0	—	8.7	31.0	55	00	8	28	3	0	0	—	8.4	+0.7	28.4	32	-1	24	-2	53	0	20	—	147
PORT SUDAN																										0	91	97	169
NORTH SUDAN: WADI HALFA	00	8	08	4	0	3	1	9	37	07	00	9	30	2	0	1	2	11		27					17	0	6	—	165
KAREIMA	01	8	28	4	1	4	4,2	6	39	07	00	8	32	3	0	1	1	9		31					15	0	3	2	166
'ATBARA	00	7	30	3	1	2	4	5	40	08	00	8	28	3	0	0	—	7		32					13	0	13	8	167
KHARTUM																										0	11	13	168
KASSALA	01	9	28	2	1	4	4	5	39	08	00	8	18	2	0	3	4	8		31					52	0	19	42	170
CENTRAL SUDAN: WAD MEDANI	01	8	28	2	1	4	1	6	40	09																0	47	48	171
DUEIM																										0	13	45	173
RENK	01	8	00	0	0	3	9	6	33	36																—	—	144	182
ROSEIRES	02	7	28	2	1	7	5	7	33																	0	126	199	172
EL OBEID	01	8	12	3	0	4	4	7	36	27	00	9	18	3	0	3	1	9		31					21	0	83	60	174
EL FASHER											01	9	06	2	1	4	—	—		29						0	17	26	175
GENEINA																												62	179
KADUGLI	02	8	16	2	1	5	8	8	33	41																		266	187
S. SUDAN: MALAKAL	01	8	20	1	1	4	8,4	9	32	52																0	158	288	176
WAU	01	8	20	1	1	5	8,4	10	29	57																0	310	487	177
JUBA	01	8	00	0	1	4	8,4	12	30	57																0	536	669	178

UPPER WINDS ON 22nd ٢٢ يوم

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	7 h. m.	h. m.	h. m.	h. m.	h. m.	h. m.	h. m.
								10 36 45						
								15 34 30						
								20 29 20						
								35 25 30						
								40 27 20						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 21st	Diff. from normal	Wet bulb temp °C on 21st	Diff. from normal
Alexandria	82	+10	21.6	0.0
Ezbekiya	55	0	19.8	-1.3
Giza	55	+1	20.0	-0.4
Helwan	40	-2	17.3	-1.6

Giza Grass minimum on 22nd 15.4 °C

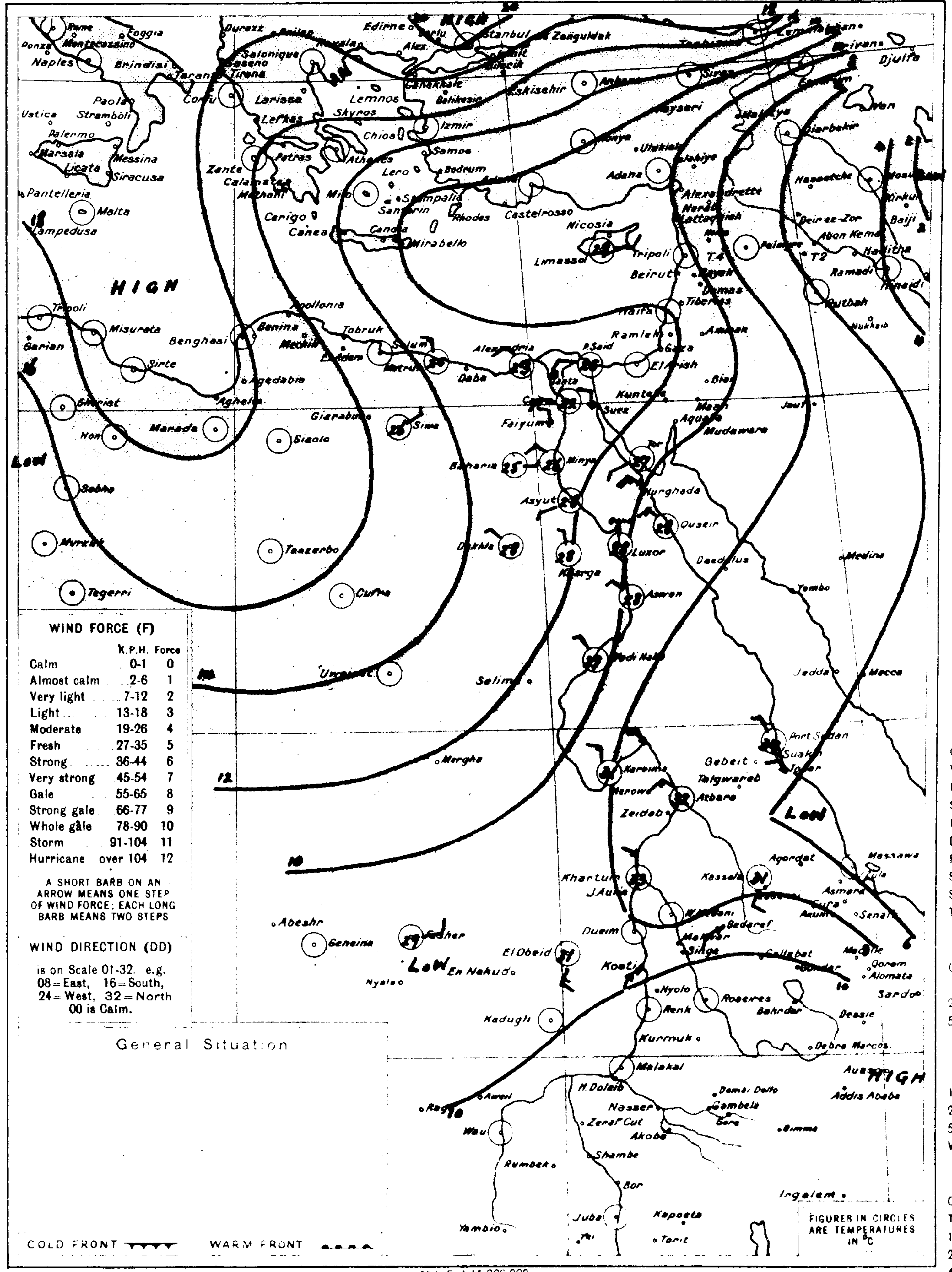
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
22 - 6	1620	1620
21 - 6	1620	1620

GAUGE	Date 1945 Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	12.92	-0.58	13.10	-0.40
Nasser	8.16	-0.07	8.18	-0.02
Malakal	10.78	-0.14	10.76	-0.14
Roseires	13.64	+0.26	13.24	-0.15
Sennar Res.	6.62	—	6.61	—
J. Aulia U.S				
J. Aulia D.S				
Khartum	10.98	-0.17	11.03	-0.09
Kh. el Girba			11.10	-0.11
Atbara	10.79	+0.33	10.70	+0.27
Kajnarti	132.22	-0.16	132.33	-0.02
Aswan Res.	110.58	—	110.86	—
Aswan D.S.	86.39	-0.02	86.38	-0.01
Roda (Cairo)	16.67	+0.92	16.09	+0.75

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

١٩٤٥-٦-٢٢ Isobars, Wind and Temperature at 8 h. 22-6-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT ▼▼▼▼ WARM FRONT ▲▲▲▲

FIGURES IN CIRCLES ARE TEMPERATURES IN °C

SCALE 1:15 000 000 — Kms 200 100 0 200 400 600 Kms

STATION محطة	At 8 h. on 22nd ٢٢ الساعة ٨ يوم: Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C	Maximum Yesterday °C	Diff. from norm. °C	Minimum Today °C	Diff. from norm. °C	% Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	9	08	2	0	0	—	10.3	+0.7	29	—	—	—	—	48	0	644	462
Nag hamadi	00	8	00	0	0	0	—	10.8	—	28.6	36	—	20	—	38	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise h. m. 04 56
Sunset 18 59

Month JUNE 1945 ١٩٤٥ شهر يونيه

1417 F.C.

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

At 14 h. on 22nd ٢٢ الساعة ١٤ يوم

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU
MEDITERRANEAN: SALUM										
MATRUH	00	9	32	2	0	0	—	14.2	26.6	90
DIKHEILA										
ALEXANDRIA	00	9	28	3	0	0	—	13.6	26.3	69
DAMIETTA	00	8	30	3	0	0	—	11.9	28.6	50
PORT SAID	00	8	30	3	0	0	—	11.6	28.2	65
EL ARISH										
LOWER EGYPT: DAMANHUR	00	6	28	3	0	0	—	11.8	29.0	48
MANSURA	00	8	02	2	0	0	—	11.9	34.0	24
TANTA	00	8	00	0	1	0	—	11.2	33.5	30
ZAGAZIG	00	7	08	2	0	0	—	11.6	33.2	35
MIDDLE EGYPT: CAIRO ALMAZA	00	8	04	1	0	0	—	12.8	33.2	18
CAIRO EZBEKIYA	00	9	32	2	0	0	—	11.5	33.4	21
CAIRO GIZA	00	8	30	2	0	0	—	11.2	34.5	17
HELWAN	00	8	26	4	0	0	—	11.2	32.3	13
SUEZ	00	9	32	3	0	0	—	11.5	33.4	24
UPPER EGYPT: FAIYUM	00	8	32	4	0	0	—	11.2	33.0	16
MINYA	00	9	32	2	0	0	—	11.8	35.9	26
ASYUT	00	8	30	3	0	0	—	10.7	34.9	16
QENA										
LUXOR	00	7	28	2	0	0	—	8.0	38.8	19
ASWAN	00	9	32	1	0	0	—	7.0	39.6	14
WESTERN DESERT: SIWA	00	8	28	2	0	0	—	15.0	35.7	50
BAHARIYA	00	9	32	1	0	0	—	11.5	35.0	37
KHARGA	00	9	32	2	0	0	—	10.7	36.8	29
DAKHLA	00	9	28	2	0	0	—	11.5	35.5	27
RED SEA: TOR	00	7	28	2	0	0	—	9.1	31.2	32
HURGHADA	30	9	02	5	0	0	—	—	32.0	36
QUSEIR	00	8	32	3	0	0	—	8.2	32.0	49
PORT SUDAN										
NORTH SUDAN: WADI HALFA										
KAREIMA										
ATBARA										
KHARTUM										
KASSALA										
CENTRAL SUDAN: WAD MEDANI										
DUEIM										
RENK	01	9	14	3	1	4	8	7	36	35
ROSEIRES										
EL OBEID										
EL FASHER										
GENEINA										
KADUGLI	02	8	28	3	1	7	8	8	34	41
S. SUDAN: MALAKAL	01	8	20	1	1	5	8	8	33	53
WAU	01	8	22	2	1	4	8,4	9	33	50
JUBA										

At 8 h. on SATURDAY 23rd السبت ٢٣ الساعة ٨

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
SALUM												—		—				—	130
MATRUH	00	9	28	3	1	2	8	13.4	+1.2	24.0	27	0	18	−2	85	0	111	161	131
DIKHEILA												—		—					150
ALEXANDRIA	00	9	02	3	0	0	—	12.8	+1.0	24.0	28	−1	22	+1	73	0	260	186	132
DAMIETTA	00	7	30	2	0	0	—	11.4		26.0	30	—	22	—	66	0	110	106	159
PORT SAID	02	8	28	2	2	5	6	11.2	+0.8	23.7	30	0	22	+1	80	0	107	81	134
EL ARISH	01	9	20	1	1	3	8	11.0	+0.4	20.2	29	0	19	+1	51	0	318	94	135
DAMANHUR	00	6	28	3	0	0	—	12.3	+1.4	26.0	32	0	18	0	62	0	169	101	136
MANSURA	00	8	02	1	0	0	—	12.2		25.0	35	0	19	0	71	0	102	55	137
TANTA	00	8	28	1	0	0	—	11.9	+0.8	25.8	35	0	16	−2	65	0	96	44	138
ZAGAZIG	00	7	30	2	0	0	—	12.3	+1.2	26.4	34	−1	19	+1	68	0	57	27	139
CAIRO ALMAZA	00	8	30	1	1	0	—	13.6		24.1	36	—	21	—	66	0	69	—	141
CAIRO EZBEKIYA	05	6	30	2	2	0	—	12.7	+1.8	24.4	35	0	21	+1	67	0	56	26	—
CAIRO GIZA	00	6	28	2	2	0	—	12.6	+1.2	23.8	35	0	21	+3	73	0	51	27	—
HELWAN	05	6	28	2	0	1	0	12.6	+1.6	22.9	34	−1	19	−1	73	0	126	29	143
SUEZ	00	8	32	2	0	0	—	12.3	+2.2	24.2	36	+1	20	−2	73	0	56	17	144
FAIYUM	00	8	32	3	0	0	—	12.7	+2.0	25.2	34	−2	20	0	55	0	110	8	153
MINYA	00	9	32	2	0	0	—	12.2	+2.2	24.1	36	0	20	0	61	0	1	—	154
ASYUT	00	7	22	1	0	0	—	11.6	+1.8	26.5	36	−1	20	−2	45	0	29	4	155
QENA																		—	156
LUXOR	00	7	30	3	0	0	—	10.3		33.0	40	—	22	—	25	0	tr.	—	157
ASWAN	00	9	32	2	0	0	—	6.6	+0.4	29.6	40	−2	25	−1	22	0	8		158
SIWA	00	7	28	1	0	0	—	15.9	+2.7	22.0	37	−1	20	0	74	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	13.8	+2.3	23.0	37				66	0	9	—	149
KHARGA	00	9	32	2	0	0	—	13.1	+4.2	28.4	37	−2	24	+1	46	0	10		151
DAKHLA	00	8	08	2	0	0	—	13.5	+3.0	28.5	37	−3	21	−2	33	0	3	—	152
TOR	00	7	28	2	0	0	—	8.2	+0.5	20.2	32	−1	24	0	54	0	5	13	145
HURGHADA	00	9	30	6	0	0	—	—	—	29.0	33	−1	—	—	29	0	17		146
QUSEIR	00	8	30	3	0	0	—	7.1	−0.5	29.4	33	0	24	−2	41	0	20		147
PORT SUDAN																0	91	97	169
WADI HALFA	00	8	30	3	0	0	—	8								0	6	—	165
KAREIMA																0	3	2	166
ATBARA	02	8	30	3	1	5		5		33					30	0	13	8	167
KHARTUM																0	11	14	168
KASSALA	01	8	20	2	1	4	4	6								0	19	43	170
WAD MEDANI																0	47	49	171
DUEIM																0	13	46	173
RENK	01	9	20	3	1	5	7,5			30		—		—	49	—	—	147	182
ROSEIRES	00	7	12	2	0	0	—	8		28					70	0	126	204	172
EL OBEID	01	9	18	3	0	4	4	7		28					55	0	83	61	174
EL FASHER	01	9	02	1	1	3	4			24					22	0	17	27	175
GENEINA	01	8	08	1	1	4	4	—		25					42			64	179
KADUGLI	01	8	28	2	2	4	1	9		27					58			270	187
MALAKAL	02	8	20	7	1	6	4,8	10		27					70	0	158	293	176
WAU	02	8	00	0	1	5	4									12	322	493	177
JUBA	01	8	20	1	1	3	1	13		24					94	0	536	574	178

UPPER WINDS ON 23rd الرياح العليا يوم ٢٣

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 15 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA h. m.	KAREIMA h. m.	KHARTUM h. m.	KASSALA h. m.	EL OBEID h. m.	MALAKAL h. m.	JUBA h. m.
				02 32 20		02 33 15	02 35 20							
				05 34 15		05 36 30	05 35 60							
				08 36 25		10 33 45	10 35 45							
				10 36 30		15 31 40	15 31 35							
				15 35 55		20 33 30	20 25 25							
				20 35 35		25 31 20	25 22 20							
				23 35 35		30 26 15								
						40 23 35								

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 22nd	Diff. from normal	Wet Bulb Temp. °C on 22nd	Diff. from normal
Alexandria	68	−5	20.6	−1.1
Ezbekiya	58	+3	20.2	−1.0
Giza	58	+3	19.4	−1.1
Helwan	47	+4	17.8	−1.2

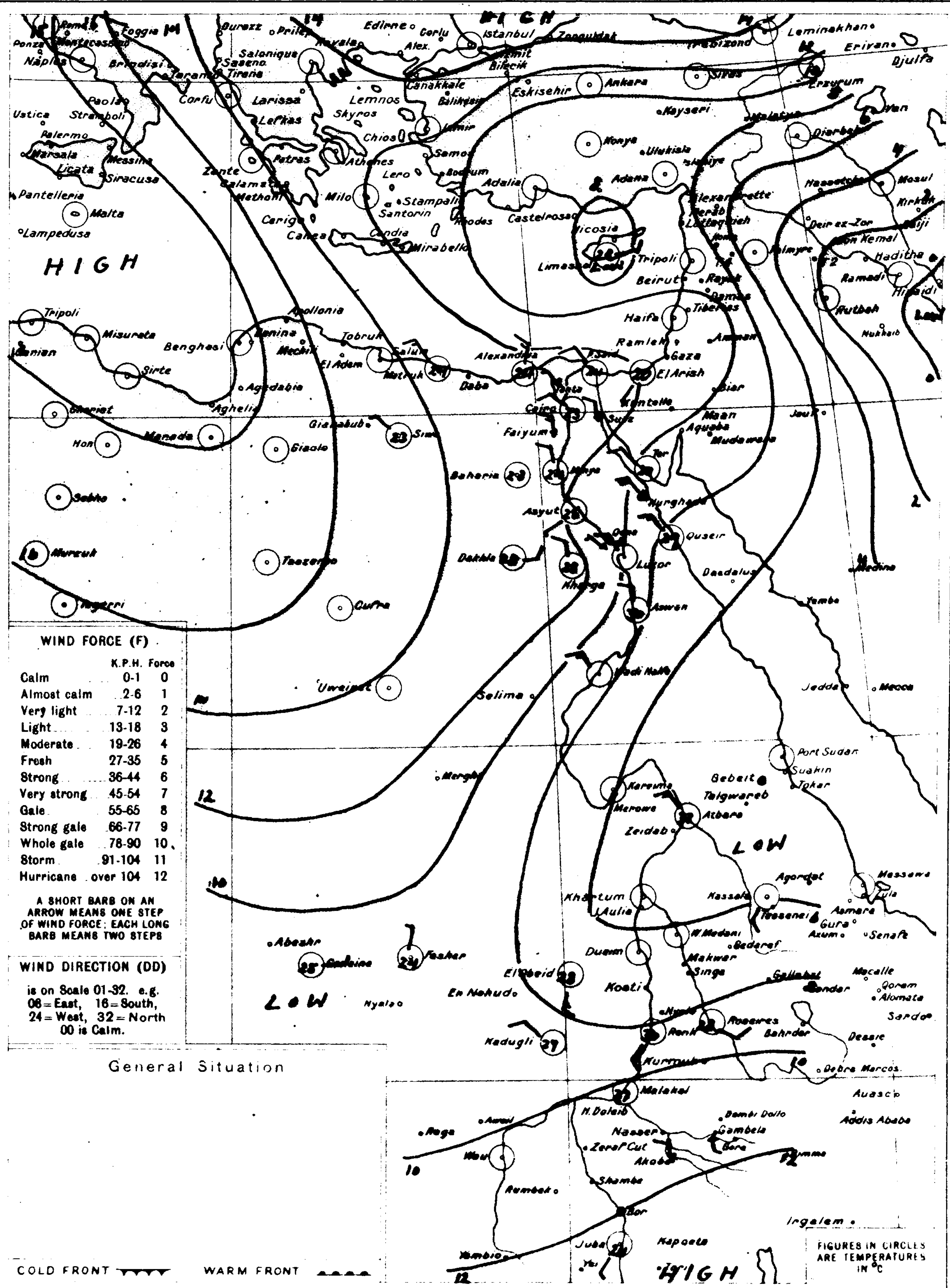
Giza Grass minimum on 23rd 19.6 °C

Discharges at Aswan measured by sluices m.³ per sec

DATE	1945	1944
23.6		1620
22.6	1620	1620

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	23-6			12.92	−0.58
Nasser				8.15	−0.07
Malakai		10.79	−0.16	10.78	−0.14
Roseires				13.64	+0.24
Sennar Res				6.62	
J. Aulia U.S					
J. Aulia D.S					
Khartum				10.98	−0.17
Kh. el Girba					
Atbara				10.79	+0.33
Kajnarti				132.22	−0.16
Aswan Res.		110.26		110.58	
Aswan D.S.		86.29	−0.13	86.39	−0.02
Roda (Cairo)		16.47	+0.92	16.47	+0.92

١٩٤٥ - ٦ - ٢٣ Isobars, Wind and Temperature at 8 h. 23-6-1945



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000 Kms 200 100 0 200 400 600 Kms

At 8 h. on 23rd ٢٣ الساعة ٨ يوم

STATION	ww	V	DD	F	W	N	C	PPP	Diff from normal mbs	Dry Bulb °C TTT	Max Yesterday °C MM	Diff from norm °C	Min Today °C mm	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Limassol	00	9	08	2	0	0	—	8.4	−1.1	28					58	0	644	463
Nag Hamadi	00	8	28	1	0	0	—	10.7		26.7	36		18		39	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h. 04 m. 55
Sunset 18 59

Month *JUNE* 1945 ١٩٤٥ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 23rd (الساعة ١٤ يوم ٢٣) — At 8 h. on SUNDAY 24th (الساعة ٨ يوم الأحد ٢٤)

Region	Station	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	8h ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
Mediterranean	SALUM																						—		—				—	130
	MATRUH	00	9	28	3	0	0	—	—	25.9	89	01	9	28	4	1	4	8	11.2	-0.8	25.0	27	0	20	0	91	0	111	161	131
	DIKHEILA																						—		—				—	150
	ALEXANDRIA	00	9	28	4	0	0	—	12.6	27.0	56	00	9	26	2	0	0	—	10.6	-1.1	24.0	28	-1	21	0	77	0	260	186	132
	DAMIETTA	00	8	28	3	0	0	—	11.0	27.6	59	00	8	28	2	0	0	—	9.8		25.0	30	—	19	—	70	0	110	106	159
	PORT SAÏD	00	8	30	4	0	0	—	10.3	28.8	64	00	8	26	2	0	1	1	9.0	-1.3	24.3	30	0	22	+1	75	0	107	81	134
	EL 'ARÎSH	00	9	30	1	0	0	—	10.2	29.4	47	01	9	30	1	1	3	8	10.5	+0.1	20.3	30	+1	19	+1	57	0	318	94	135
Lower Egypt	DAMANHÛR	00	6	28	4	0	0	—	11.9	28.8	49	00	6	20	3	0	0	—	10.3	-0.5	25.8	30	-2	15	-3	62	0	169	101	136
	MANŞURA	00	8	30	2	0	0	—	11.0	32.0	28	00	8	28	1	0	0	—	10.0		24.8	33	-2	18	-1	66	0	102	55	137
	TANTA	00	8	28	3	0	0	—	11.2	32.5	36	00	8	00	0	0	0	—	10.4	-0.1	24.5	33	-2	15	-3	65	0	96	44	138
	ZAGÂZIG	00	7	04	2	0	0	—	12.7	34.8	34	00	7	28	2	0	0	—	9.6	-1.4	25.9	35	0	17	-1	64	0	57	27	139
Middle Egypt (Cairo)	ALMÂZA	00	8	30	3	0	0	—	11.4	34.1	27	00	7	30	1	0	0	—	10.4		24.0	35	—	19	—	65	0	69	—	141
	EZBEKIYA	00	8	30	3	0	0	—	10.4	33.9	26	05	6	30	2	0	0	—	10.6	-0.3	25.0	35	0	19	-1	64	0	56	26	—
	GIZA	00	8	30	2	0	0	—	10.0	34.2	24	00	7	32	2	0	0	—	10.4	-1.0	24.0	35	0	17	-1	65	0	51	27	—
	HELWÂN	00	7	28	4	0	0	—	9.9	33.0	21	00	6	30	3	0	0	—	10.6	-0.3	22.4	34	-1	17	-3	65	0	126	29	143
	SUEZ	00	9	32	3	0	0	—	10.3	32.3	23	00	8	02	2	0	0	—	9.2	-0.8	25.0	35	0	21	-1	67	0	56	17	144
Upper Egypt	FAIYÛM	00	8	32	4	0	0	—	9.9	34.2	15	00	8	32	3	0	0	—	10.4	-0.3	24.8	35	-1	18	-2	47	0	110	8	153
	MINYA	00	9	28	3	0	0	—	10.8	34.8	24	00	9	32	3	0	0	—	10.0	+0.1	24.1	36	0	19	-1	58	0	1	—	154
	ASYÛT	00	8	30	3	0	0	—	9.4	34.0	13	00	7	22	1	0	0	—	9.8	+0.1	25.8	35	-2	20	-2	37	0	29	4	155
	QENA																												—	156
	LUXOR	00	7	30	3	0	0	—	8.4	36.8	19	00	7	10	2	0	0	—	7.5		33.0 ~~28.0~~	39	—	22	—	30	0	tr.	—	157
	ASWAN	00	9	32	3	0	0	—	7.1	38.0	12	00	9	02	1	0	0	—	6.6	-1.4	29.4	39	-3	24	-2	23	0	8		158
Western Desert	SIWA	00	8	28	1	0	0	—	15.1	37.0	39	00	7	28	2	0	0	—	13.6	+0.5	24.0	37	-1	21	+1	75	0	45	8	148
	BAHARIYA	00	9	00	0	0	0	—	12.6	35.6	32	00	9	00	0	0	0	—	13.1	+1.7	22.5	36		—		63	0	9		149
	KHARGA	00	9	32	3	0	0	—	10.7	35.8	33	00	9	32	1	0	0	—	10.2	+1.4	27.8	37	-2	24	+1	31	0	10		151
	DAKHLA	00	9	28	3	0	0	—	11.0	34.5	29	00	8	28	2	0	0	—	11.1	+0.7	28.0	36	-4	21	-2	31	0	3	—	152
Red Sea	TÔR	00	7	28	2	0	0	—	8.3	30.2	35	00	7	28	1	0	0	—	6.3	-1.3	27.7	32	-1	24	0	90	0	5	13	145
	HURGHÂDA	00	9	02	6	0	0	—	—	32.0	36	00	9	30	5	0	0	—	—	—	29.3	34	0	23	-1	33	0	17		146
	QUŞEIR	00	8	32	3	0	0	—	7.0	31.8	52	00	8	32	4	0	0	—	5.4	-2.2	28.3	33	0	25	-1	47	0	20		147
	PORT SUDAN																										0	91	97	169
North Sudan	WÂDI HALFA	00	7	28	4	0	3		7	40	12	00	8	30	2	0	0	—	8		27					19	0	6	—	165
	KAREIMA	00	8	32	3	1	3	1,2	4	41	10			02	4	1	1	4	6		33					08	0	3	2	166
	'ATBARA	02	8	32	3	1	8	2	3	42	08	01	8			0	4	4	4		39						0	13	8	167
	KHARTÛM																										0	11	14	168
	KASSALA	02	8	30	1	1	6		1	41	16	05	6	16	4	1	3	1	5		32					43	0	19	44	170
Central Sudan	WAD MEDANI	02	8	02	3	1	5	8	1	42	22	00	9	24	1	0	0	—	4		33					20	0	47	50	171
	DUEIM																										0	13	46	173
	RENK	00	9	18	3	0	0	—	5	38	21	00	9	13	3	0	0	—	8		29					55	—	—	150	182
	ROSEIRES	00	8	12	2	0	0	—	6	31	—	00	7	18	2	1	0	—	7		29					66	0	126	209	172
	EL OBEID	02	9	02	3	1	5	4,1	3	39	13	01	9	00	0	1	4		8		28					25	0	83	63	174
	EL FASHER											01	9	28	1	1	5	4,5	—		26					27	0	17	28	175
	GENEINA	01	8	04	2	1	3	8,4,1	—	37	10																		66	179
	KADUGLI	02	8	32	2	1	5	4	6	36		01	8	28	3	1	4	1	9		29					59	—	—	275	187
S. Sudan	MALAKÂL	02	8	24	3	1	5	8,4,1	7	33	53	02	8	18	2	1	5	4	9		27					70	0	158	298	176
	WÂU	02	8	28	1	1	6	8,4	9	32	59	01	8	18	3	1	4	4	10		25					79	0	322	499	177
	JUBA	01	8	18	3	1	4	8,4	10	32	55	01	8	18	2	1	4	4	12		23					97	0	536	579	178

UPPER WINDS ON 24th

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAÏD	HELWÂN	MINYA	ASYÛT	ASWÂN	WÂDI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA
h m	h m	h m	h m	8 h 30 m	h m	7 h m	7 h m	7 h m	7 h 30 m	h m	7 h m	6 h 30 m	7 h m	6 h 45 m
				02 33 15		02 36 25	02 34 10	10 01 50	10 35 20		10 19 30	06 32 20	06 21 30	10 34 10
				05 36 20		05 36 50	05 35 40	15 36 40	15 31 25		15 21 15	10 34 20	10 21 50	15 22 10
				08 35 20		10 34 55	10 34 30	20 34 30	20 30 20		20 21 10	15 36 25	15 24 10	20 24 08
				10 32 20		15 34 50	15 25 15					20 01 30	20 33 15	
				15 34 15		20 36 40	20 27 25	30 25 30	30 20 25		35 26 05	25 01 50		
				20 35 25		25 36 30	25 23 50	40 23 55	40 21 10					
				23 36 30				50 23 35	50 17 15			40 02	30 02 30	
				25 35 30				55 23 35				45 06 25		
				30 35 35										
				40 35 15										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

Station	Mean of day: Humidity % on 23rd	Diff. from normal	Wet bulb temp °C on 23rd	Diff. from normal
Alexandria	63	-10	20.0	-1.8
Ezbekiya	52	-4	19.9	-1.3
Giza	53	-2	19.6	-0.9
Helwân	45	+2	18.4	-0.6

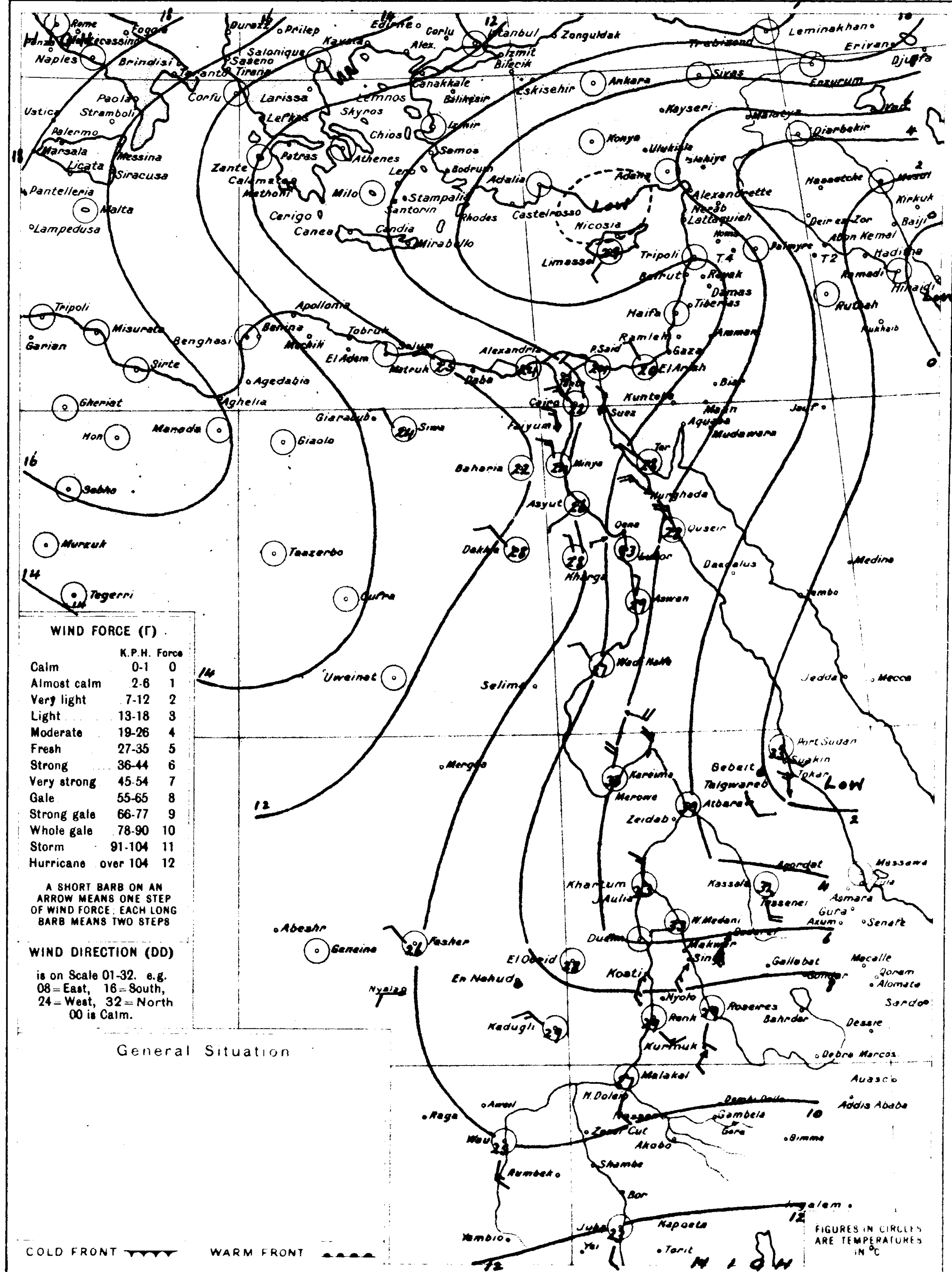
Gîza Grass minimum on 24th 14.3 °C

Discharges at Aswân measured by sluices m³ per sec

Date	1945	1944
24-6	1620	1620
23-6	1620	1620

Gauge	Date 1945: 24-6	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Jûba				12.82	-0.68
Naşser				8.14	-0.12
Malakâl		10.81	-0.16	10.69	-0.26
Roseires				13.40	-0.03
Sennâr Res.				6.56	
J. Aulia U.S				371.39	
J. Aulia D.S				371.36	-0.06
Khartûm				10.94	-0.24
Kh. el Girba					
Atbara				10.83	+0.34
Kajnarti				132.16	-0.25
Aswân Res.		109.92		110.26	
Aswân D.S.		86.39	-0.04	86.39	-0.03
Rôda (Cairo)		16.47	+0.92	16.47	+0.92

Isobars, Wind and Temperature at 8 h. 24-6-1945 ١٩٤٥-٦-٢٤



At 8 h. on 24th (الساعة ٨ يوم ٢٤)

Station	ww	V	DD	F	W	N	C	PPP M.S.L. 1000+ mbs.	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yester day °C MM	Diff from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rain past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	9	20	2	0	0	—	1.8	-2.6	29					66	0	644	463
Nag Hamadi	00	8	24	1	0	0	—	8.0		26.8	35		21		44	0	16	—
SHIPS																		

Remarks

Water Temp. River Nile Cairo 25.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)	
Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION: INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h. 04 m. 55
Sunset h. 19 m. 00

Month JUNE 1945 ١٩٤٠ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

STATION	At 14 h. on 24th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. press. M.S.L. 1000+ mbs. PPP	Temp. °C TTT	% Humidity UU	At 8 h. on MONDAY 25: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar. pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN: SALUM																													130
MATRUH	00	9	30	4	0	2	8	—	25.0	90	01	9	30	3	1	4	8	11.6	-0.3	25.7	27	0	23	+3	86	0	111	161	131
DIKHEILA																													150
ALEXANDRIA	00	9	26	4	0	0	—	—	26.4	73	00	9	06	1	0	0	—	10.4	-1.2	25.0	28	-1	21	0	71	0	260	186	132
DAMIETTA	00	8	28	3	0	0	—	8.7	27.9	44	00	7	28	3	0	0	—	8.7		26.5	29	—	19	—	72	0	110	106	159
PORT SAID	00	8	30	3	0	0	—	8.3	28.9	63	00	8	28	3	0	0	—	8.0	-2.2	25.5	30	0	21	-1	85	0	107	81	134
EL 'ARISH	00	9	30	1	0	0	—	9.5	30.3	42	01	9	30	1	1	3	8	—	—	20.3	30	+1	19	+1	62	0	318	94	135
LOWER EGYPT: DAMANHUR	00	6	32	3	0	0	—	9.5	30.3	34	00	6	32	3	0	0	—	10.2	-0.5	27.0	32	0	20	+1	65	0	169	101	136
MANSURA	00	8	28	2	0	0	—	8.4	33.8	22	00	8	32	2	4	0	—	9.2		26.0	35	0	18	-1	69	0	102	55	137
TANTA	00	8	00	0	0	0	—	9.2	33.5	26	00	8	00	0	0	0	—	9.4	-1.5	26.3	34	-1	18	0	66	0	96	44	138
ZAGAZIG	00	7	32	2	0	0	—	9.8	33.4	35	00	7	24	2	0	0	—	9.1	-1.8	25.9	34	-1	20	+2	79	0	57	27	139
MIDDLE EGYPT: CAIRO ALMAZA	00	8	28	1	0	0	—	9.3	32.8	25	00	7	00	0	1	1	6	10.2		24.3	34	—	21	—	73	0	69	—	141
CAIRO EZBEKIYA	00	8	28	2	0	0	—	8.3	32.6	26	05	6	32	3	2	0	—	9.5	-1.3	24.8	35	0	21	+1	75	0	56	26	—
CAIRO GIZA	00	8	30	2	0	0	—	7.9	34.0	19	05	5	32	1	1	1	8	9.6	-1.7	24.0	35	0	21	+3	79	0	51	27	—
HELWAN	00	9	28	4	0	0	—	7.8	32.0	16	00	6	28	2	0	0	—	9.2	-1.6	22.9	34	-1	19	-2	72	0	126	29	143
SUEZ	00	9	02	2	0	0	—	7.8	33.9	18	00	8	32	1	0	0	—	8.2	-1.7	24.3	35	0	20	-2	73	0	56	17	144
UPPER EGYPT: FAIYUM	00	8	32	4	0	0	—	8.0	32.7	13	00	8	32	3	0	0	—	9.5	-1.1	24.5	34	-2	21	+1	70	0	110	8	153
MINYA											00	9	32	4	0	0	—	9.0	-0.8	24.0	36	0	20	0	67	0	1	—	154
ASYUT	00	8	28	3	0	0	—	7.4	34.5	12	00	7	20	1	0	0	—	8.8	-0.8	25.1	36	-1	19	-3	54	0	29	4	155
QENA																													156
LUXOR	00	7	30	3	0	0	—	5.9	37.5	17	00	7	26	2	0	0	—	6.7		32.8	39	—	19	—	26	0	tr.	—	157
ASWAN	00	9	32	3	0	0	—	5.0	38.4	13	00	9	00	0	0	0	—	5.5	-2.5	30.5	39	-3	23	-3	19	0	8		158
WESTERN DESERT: SIWA	00	8	24	2	0	0	—	12.2	36.5	43	00	7	00	0	0	0	—	12.7	-0.4	24.5	39	+1	22	+2	58	0	45	8	148
BAHARIYA	00	9	32	1	0	0	—	10.4	32.0	41	00	9	00	0	0	0	—	10.7	-0.6	25.5	35				56	0	9	—	149
KHARGA	00	9	32	1	0	0	—	8.3	36.0	29	00	9	32	3	0	0	—	9.2	+0.5	28.0	37	-2	23	0	46	0	10		151
DAKHLA	00	9	32	2	0	0	—	9.0	34.5	29	00	8	28	2	0	0	—	10.4	0.0	28.0	36	-4	21	-2	24	0	3	—	152
RED SEA: TOR	00	7	28	2	0	0	—	4.8	29.5	49	00	7	28	1	0	0	—	5.0	-2.5	26.4	31	-3	24	0	66	0	5	13	145
HURGHADA	00	9	02	5	0	0	—	—	32.0	33	00	9	30	4	0	0	—	—	—	29.4	33	-1	24	0	36	0	17		146
QUSEIR	00	8	32	3	0	0	—	5.1	31.0	53	00	8	32	3	0	0	—	4.2	-3.3	29.3	33	0	25	-1	55	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN: WADI HALFA	00	8	26	3	0	0	—	7	37	06	00	8	00	0	0	0	—	8		27					13	0	6	—	165
KAREIMA	02	8	28	4	2	5	4	3	41	04	00	8	30	3	0	0	—	6		30					13	0	3	2	166
ATBARA	02	8	30	4	1	6		1	42	06	01	8	28	1	1	4		5		32					13	0	13	8	167
KHARTUM																										0	11	14	168
KASSALA											01	8	18	2	1	5	2	4		30					43	0	19	46	170
CENTRAL SUDAN: WAD MEDANI											01	9	16	5	1	4	3	4		32					41	0	47	52	171
DUEIM																										0	13	47	173
RENK																												153	182
ROSEIRES	02	7	16	2	1	6	4	6	34	56																0	126	214	172
EL OBEID	00	9	00	0	0	0	—	6	38	14	00	9	32	3	0	0	—	7		28					19	0	83	64	174
EL FASHER																										0	17	29	175
GENEINA																												68	179
KADUGLI	01	8	20	2	1	3	6	6	37	35	00	8	31	2	0	1	1	9		30					62			280	187
S. SUDAN: MALAKAL	02	8	20	2	1	5	8,4	6	35	10	02	8	20	3	1	5	4,1	11								0	158	303	176
WAU	01	8	22	3	1	4	8,4,1	9	31	59	02	8	22	3	1	7	4	10		26						0	322	505	177
JUBA	11	8	00	0	1	6	6,4,8	9	30	62																0	536	584	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 25th ٢٥ يونيو

SALUM h. m.	MATRUH h. m.	DIKHEILA h. m.	PORT SAID h. m.	HELWAN 8 h. 30 m.	MINYA h. m.	ASYUT 7 h. m.	ASWAN 7 h. m.	WADI HALFA h. m.	KAREIMA 7 h. m.	FASHER 7 h. 15 m.	KASSALA 7 h. m.	EL OBEID 7 h. m.	MALAKAL 7 h. 18 m.	JUBA 7 h. m.
				02 32 10		02 33 20			10 34 30	10 36 45	10 20 40	10 35 40	10 05 30	10 25 30
				05 01 20		05 36 35	05 35 40		15 30 05	15 34 30	15 25 45	15 35 40	15 25 35	15 28 10
				08 01 50		10 36 50	10 34 30		20 30 10	20 29	20 28 35	20 36 20	20 26 25	20 28 15
				10 01 60		15 35 45	15 32 35		25 29 50	25 23 20	25 33 30	25 01 05	35 36 40	25 32 05
				15 01 48		20 36 40	20 28 20		35 17 30	35 27 18	35 33 25	35 01 20	40 02 30	35 15 05
				20 01 48		25 36 35	25 27 15		40 17 20	40 28 18				40 19 05
				23 36 59		30 32 30								
				28 36 25										
				30 34 40										
				35 33 28										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 24th	Diff. from normal	Wet bulb temp. °C on 24th	Diff. from normal
Alexandria	76	+3	21.4	-0.5
Ezbekiya	48	-8	20.0	-1.3
Giza	52	-3	19.8	-0.8
Helwan	41	-2	17.8	-0.3

Giza Grass minimum on 25th 19.5 °C

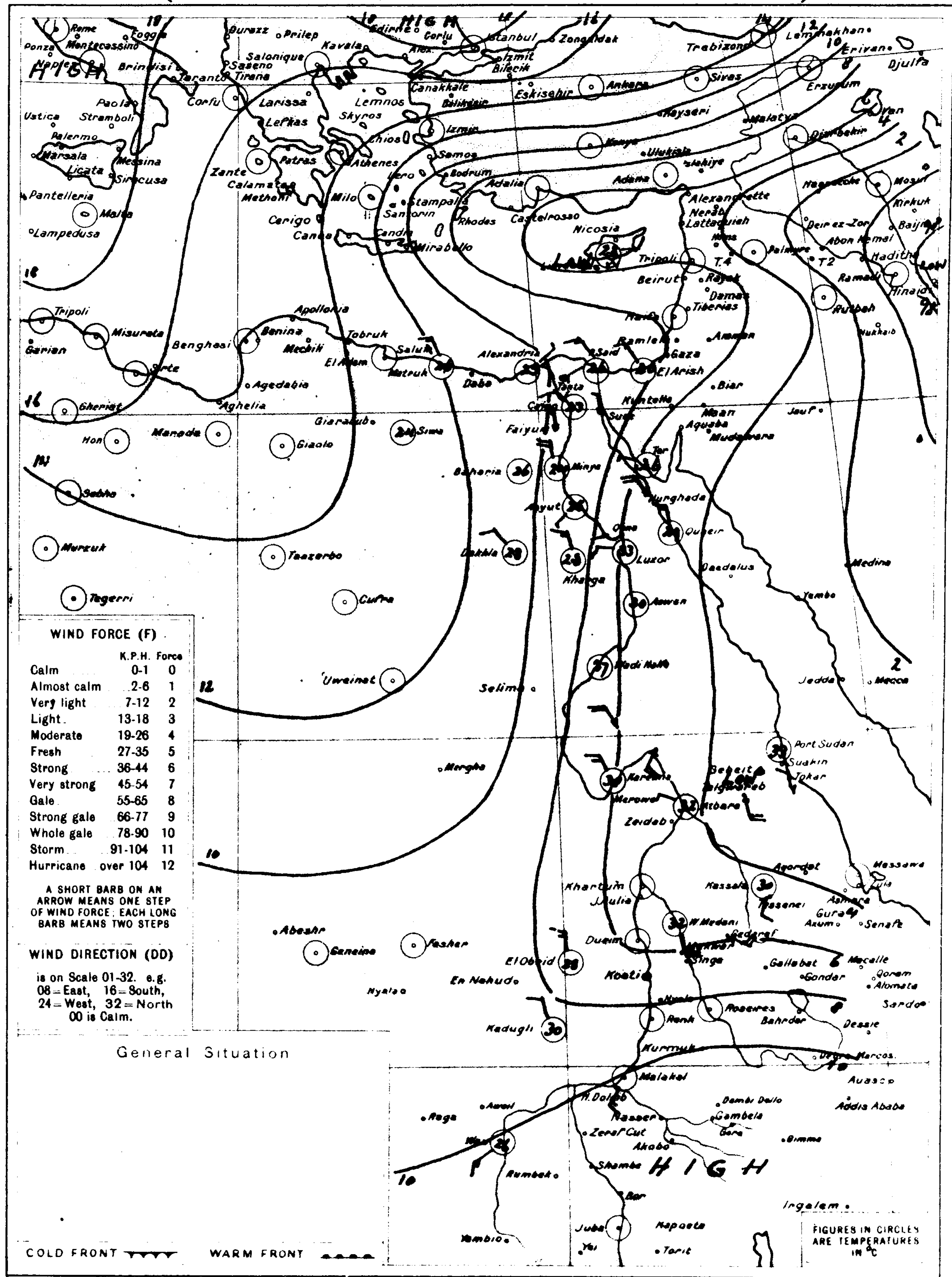
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
25.6	1620	1736
24.6	1620	1620

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	25-6				
Nasser				8.20	-0.12
Malakal		10.82	-0.17	10.81	-0.16
Roseires		13.47	-0.07	13.86	+0.39
Sennar Res.				6.58	
J. Aulia U.S					
J. Aulia D.S					
Khartum				10.88	-0.34
Kh. el Girba				11.01	-0.33
Atbara		10.74	+0.19	10.72	+0.26
Kajnarti				132.22	-0.23
Aswan Res.		109.60		109.92	
Aswan D.S.		86.40	-0.03	86.37	-0.04
Roda (Cairo)		16.43	+0.89	16.47	+0.92

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

٢٥-٦-١٩٤٥ Isobars, Wind and Temperature at 8 h. 25-6-1945.



STATION	At 8 h. on 25th: Present weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past weather W	Cloud Amount N	Cloud Form C	Bar pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temp. Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.
Limassol	00	9	08	2	0	0	—	6.0	-2.4	28					55	0	644	463
Nag Hamadi	00	8	24	1	0	0	—	7.1		26.5	35		19		48	0	16	—
SHIPS سفن																		

Remarks

Water Temp. River Nile Cairo 25.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

ANNUAL SUBSCRIPTION. INLAND POST P.T. 100 ABROAD P.T. 150

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER	(W)
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT	(N)
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM	(C)
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato-cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

CAIRO
Time of Sunrise 04 h 56 m
Sunset 19 h 00 m

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

Month JUNE 1945 ١٩٤٠ شهر يونيه

At 14 h. on 25th ٢٥ الساعة ١٤ يوم — At 8 h. on TUESDAY 26th الساعة ٨ الثلاثاء ٢٦

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	8h M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff. from norm. °C	Min. Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																													
SALÛM																													130
MATRÛH	00	9	30	4	1	0	—	11.5	26.2	86	00	9	30	3	0	0	—	13.0	+1.2	25.2	27	0	23	+3	74	0	111	161	131
DIKHEILA																													150
ALEXANDRIA	00	9	04	5	0	0	—	10.6	26.4	61	01	9	28	2	2	4	4	11.2	-0.2	24.0	28	-1	22	0	75	0	260	186	132
DAMIETTA	00	7	28	4	0	0	—	8.7	27.4	66	02	7	28	1	2	5	8	9.5		25.0	29		20		75	0	110	106	159
PORT SAÎD											02	8	26	3	2	6	6	9.8	-0.2	24.3	30	0	23	+1	79	0	107	81	134
EL 'ARÎSH											01	9	20	1	1	4	8	—	—	20.3	29	0	18	0	57	0	318	94	135
LOWER EGYPT																													
DAMANHÛR	00	6	32	3	0	0	—	9.4	29.8	55	00	6	28	3	0	0	—	10.2	-0.4	25.2	31	-1	19	0	74	0	169	101	136
MANSÛRA	00	8	32	2	0	0	—	8.7	32.8	34	01	7	04	1	1	4	8	10.4		25.0	33	-2	17	-2	74	0	102	55	137
TANTA	00	8	28	2	0	0	—	8.6	33.0	34	00	8	00	0	0	0	—	10.6	-0.2	24.5	34	-1	17	-1	74	0	96	44	138
ZAGÂZÎG	00	7	28	2	0	0	—	9.0	34.8	39	02	7	24	2	1	6	8	10.6	-0.2	25.2	34	-1	20	+2	73	0	57	27	139
MIDDLE EGYPT																													
CAIRO ALMÂZA	00	8	30	2	0	0	—	9.1	34.7	35	02	7	30	1	2	5	6	11.8		23.0	36		21		74	0	69		141
CAIRO EZBEKÎYA	00	8	30	3	0	0	—	8.2	34.3	30	05	6	32	2	2	5	8	10.8	+0.1	22.8	36	+1	21	+1	76	0	56	26	—
CAIRO GÎZA	00	8	30	2	0	0	—	7.9	35.2	25	02	8	30	2	2	5	8	10.8	-0.4	23.2	36	+1	20	+2	74	0	51	27	—
HELWAN	00	8	30	4	0	0	—	7.4	33.7	27	01	6	28	4	1	4	0	10.4	-0.3	22.7	35	0	20	-1	69	0	126	29	143
SUEZ	00	9	02	2	0	0	—	7.6	33.6	29	00	8	30	1	0	1	8	10.7	+0.9	25.0	36	+1	21	-1	68	0	56	17	144
UPPER EGYPT																													
FAIYÛM	00	8	32	4	0	0	—	7.5	34.8	24	01	8	32	3	1	3	8	11.1	+0.6	23.5	36	0	19	-1	69	0	110	8	153
MINYA	00	8	32	4		0	—	7.9	35.6	28	00	9	32	3	1	0	—	10.2	+0.5	25.1	37	+1	21	0	62	0	1	—	154
ASYÛT	00	8	30	3	0	0	—	6.6	35.1	15	00	7	22	1	0	0	—	9.6	+0.1	26.0	37	0	21	-1	50	0	29	4	155
QENA																												—	156
LUXOR	00	7	30	2	0	0	—	5.1	38.2	14	00	7	30	3	0	0	—	8.2		33.0	41	—	23	—	27	0	tr.	—	157
ASWAN	00	9	32	3	0	0	—	3.9	39.0	14	00	9	32	2	0	0	—	7.0	-0.9	32.5	41	-1	24	-2	34	0	8		158
WESTERN DESERT																													
SIWA	00	8	24	2	0	0	—	11.8	37.0	28	00	7	08	2	0	0	—	14.2	+1.2	25.5	38	0	21	+1	58	0	45	8	148
BAHARÎYA	00	9	00	0	0	0	—	8.4	34.6	44	00	9	32	1	0	0	—	12.2	+1.0	23.0	35	—	—	—	59	0	9		149
KHARGA	00	9	32	3	0	0	—	6.8	38.0	21	00	9	32	3	0	0	—	9.8	+1.2	29.5	38	-1	25	+2	49	0	10		151
DÂKHLA	00	9	28	2	0	0	—	8.0	36.0	27	00	8	12	1	0	0	—	11.1	+0.6	30.0	38	-2	25	+2	30	0	3		152
RED SEA																													
TOR	00	7	28	2	0	0	—	5.6	29.4	51	00	7	28	2	0	0	—	5.8	-1.6	26.3	30	-4	24	0	61	0	5	13	145
HURGHÂDA	00	9	30	5	0	0	—	—	32.1	38	00	9	30	6	0	0	—	—	—	29.3	33	-1	21	-3	32	0	17		146
QUSEIR	00	8	32	3	0	0	—	4.2	31.5	57	00	8	32	4	0	0	—	5.5	-1.9	29.0	33	0	25	-1	52	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																													
WÂDI HALFA	00	8	30	4	0	2		5	43	04	00	8	30	3	0	0	—	8		29					22	0	6	—	165
KAREIMA	02	8	32	3	1	5	4	3	41	04	00	8	02	3	0	3	4	7		32					13	0	3	2	166
ATBARA	01	8	30	1	1	4	1	1	41	07	01	8	32	3	1	4	4,1	5		33					10	0	13	8	167
KHARTÛM																										0	11	15	168
KASSALA	01	8	32	1	1	3	8	1	39	26	00	8	20	3	1	3	1	8		31					46	0	19	47	170
CENTRAL SUDAN																													
WAD MEDANI											02	8	16	6	1	6	1	9		27					52	0	47	53	171
DUEIM																										0	13	48	173
RENK											00	9	20	3	0	0	—	10		25					61	—	—	156	182
ROSEIRES	01	7	16	2	1	4	1	2	42	10	02	7	15	3	1	6	7,4	10		26					58	0	126	219	172
EL OBEID	01	9	28	3	1	5	4,8	4	38	19	00	8	30	4	0	1	1	8		29					70	0	83	66	174
EL FASHER	01	8	28	1	1	5	1	—	35	22	01	9	32	3	0	4	1	—		22					29	0	17	30	175
GENEINA	00	9	04	2	1	3		—	35	09	01	8	00	0	1	4	2	—		22								70	179
KADUGLI	01	8	04	1	1	5		8	31	29																		285	187
S. SUDAN																													
MALAKÂL	01	8	30	4	1	4	4,5	8	34	16	01	8	12	3	1	4	4	12		24						0	158	308	176
WÂU	01	9	28	4	1	5	8	10	33	36	02	8	00	0	1	5	4	12		23					94	13	335	511	177
JÛBA	01	9	18	1	1	4	8,4	10	32	55	01	8	18	2	1	5	4	14		23					84	0	536	589	178

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

UPPER WINDS ON 26th ٢٦ يونيو

SALUM	MATRÛH	DIKHEILA	PORT SAID	HELWAN 8 h. 15 m.	MINYA	ASYUT 7 h. m.	ASWAN	WADI HALFA	KAREIMA	KHARTÛM	KASSALA	EL OBEID	MALAKÂL	JÛBA
				02 36 15		02 33 15								
				05 34 30		05 01 35								
				10 36 20		10 33 60								
				15 01 40		15 34 50								
				20 01 20		20 34 30								
				25 35 30		25 34 30								
				30 35 35										
				40 33 20										
				50 26 50										
				51 28 25										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 25th	Diff. from normal	Wet Bulb Temp °C on 25th	Diff. from normal
Alexandria	73	0	21.0	-1.0
Ezbekiya	60	+4	21.3	-0.1
Giza	63	+8	21.2	+0.6
Helwân	55	+12	20.2	+1.1

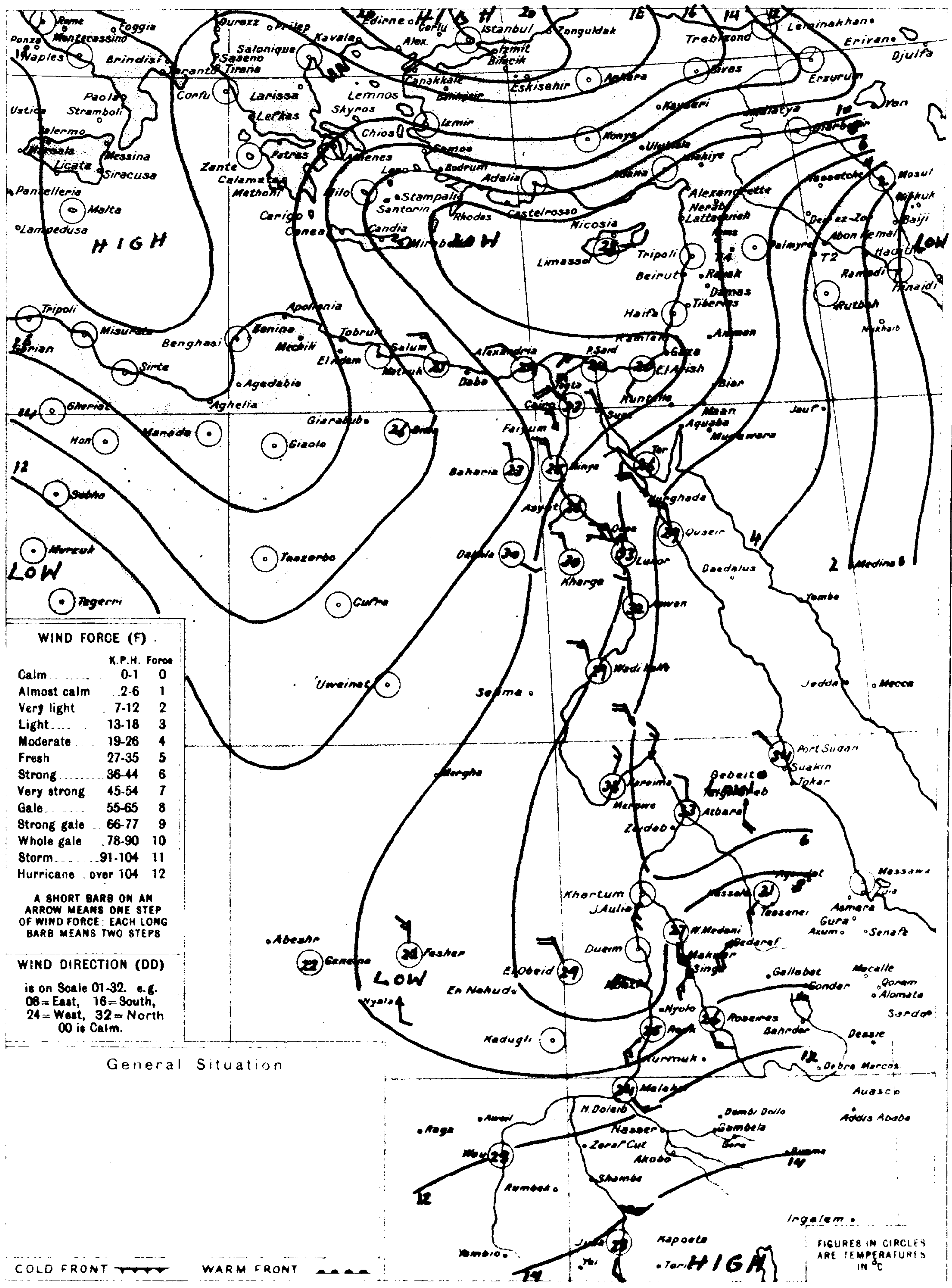
Giza Grass minimum on 26th 18.6 °C

Discharges at Aswan measured by sluices m³ per sec.

DATE	1945	1944
26.6	1620	1736
25.6	1620	1736

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	26/6			12.84	-0.66
Nâsser				8.24	-0.13
Malakâl				10.83	-0.16
Roseires				13.47	-0.07
Sennâr Res				6.60	
J. Aulia U.S				371.42	
J. Aulia D.S				371.36	-0.10
Khartûm				10.80	-3.39
Kh. el Girba				11.11	-0.30
Atbara				10.74	+0.19
Kajnarti				132.49	-0.01
Aswân Res.		109.26		109.60	
Aswân D.S.		86.39	-0.08	86.40	-0.08
Rôda (Cairo)		16.45	+0.89	16.43	+0.89

١٩٤٥-٦-٢٦ Isobars, Wind and Temperature at 8 h. 26-6-1945.



At 8 h. on 26th الساعة ٨ يوم ٢٦

STATION محطة	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	M.S.L. 1000+ mbs. PPP	Diff from normal mbs	Dry Bulb °C TTT	Max. Yesterday °C MM	Diff from norm °C	Min. Today °C mm	Diff from norm °C	% Humidity UU	Rainfall Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Limassol	00	9	08	2	0	0	—	8.7	-0.5	28					66	0	644	463
Nagh Hammadi	00	8	26	1	0	0	—	8.4		28.1	37		23		43	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.3 °C

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h. 04 m. 56
Sunset 17 00

Month JUNE 1945 ١٩٤٥ شهر يونيه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT 1417 F.C.

DAILY WEATHER REPORT

At 14 h. on 26th الساعة ١٤ يوم ٢٦ — At 8 h. on WEDNESDAY 27th الساعة ٨ يوم الأربعاء ٢٧

STATION	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h Temp. °C TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Maximum Yesterday °C MM	Diff. from norm. °C	Minimum Today °C mm	Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Total from Oct 1 mms.	Normal from Oct 1 mms.	Station Number
MEDITERRANEAN: SALÛM																												—	130
MATRÛH	00	9	30	3	0	0	—	12.4	26.2	77	00	9	30	2	0	0	—	11.6	−0.1	24.3	27	0	22	+2	81	0	111	161	131
DIKHEILA																		11.9	+0.6										150
ALEXANDRIA	00	9	02	4	0	0	—	11.1	27.2	68	01	9	32	1	2	4	4			26.0	28	−1	23	+1	76	0	260	186	132
DAMIETTA	00	8	30	1	1	0	—	9.6	27.4	68	00	7	04	2	1	1	8	10.6		26.5	28		22		74	0	110	106	159
PORT SAÎD	00	8	32	3	0	0	—	9.4	27.8	64	01	8	02	2	1	4	4,5	10.2	+0.3	25.4	29	−1	23	+1	79	0	107	81	134
EL 'ARÎSH	00	9	30	1	0	0	—	9.7	29.4	51	01	9	20	1	1	3	8	—	—	20.4	30	+1	19	+1	47	0	318	94	135
LOWER EGYPT: DAMANHÛR	00	6	32	3	0	0	—	10.0	30.0	47	00	6	32	3	0	0	—	10.7	+0.2	26.0	31	−2	21	+2	76	0	169	101	136
MANŞÛRA	00	8	02	2	1	0	—	9.6	32.2	42	01	7	02	2	1	4	8	11.1		26.2	34	−1	20	+1	81	0	102	55	137
TANTA	00	8	00	0	0	0	—	9.1	32.6	37	00	8	00	0	0	0	—	11.0	+0.3	26.0	34	−1	19	0	75	0	96	44	138
ZAGÂZÎG	00	7	28	2	0	0	—	10.1	32.2	51	02	6	28	2	1	5	8	9.9	−0.8	25.2	33	−2	20	+1	79	0	57	27	139
MIDDLE EGYPT: CAIRO ALMÂZA	00	7	32	2	0	0	—	9.8	34.0	41	05	6	03	1	2	1	6	11.6		25.0	34	—	21	—	71	0	69	—	141
CAIRO EZBEKIYA	00	8	30	3	0	0	—	8.8	32.0	41	05	6	02	3	1	1	8	10.8	+0.2	25.0	35	0	22	+1	76	0	56	26	—
CAIRO GIZA	00	8	30	2	0	0	—	8.3	33.0	39	05	5	02	1	2	1	8	10.6	−0.5	24.0	34	−1	20	+2	78	0	51	27	—
HELWÂN	00	7	30	3	0	0	—	8.2	32.1	33	00	7	30	3	0	0	—	10.4	−0.2	24.2	34	−1	20	−1	72	0	126	29	143
SUEZ	00	9	32	2	0	0	—	9.0	31.8	43	00	8	30	3	0	0	—	10.4	+0.7	26.0	34	−1	22	0	67	0	56	17	144
UPPER EGYPT: FAIYÛM	00	8	32	4	0	0	—	8.0	33.2	28	00	8	32	4	0	0	—	10.0	−0.4	25.2	35	−1	21	+1	69	0	110	8	153
MINYA	00	9	32	3	0	0	—	9.2	34.9	29	00	9	28	3	0	0	—	9.1	−0.5	—	36	0	21	0	—	0	1	—	154
ASYÛT	00	8	28	3	0	0	—	7.5	34.0	27	00	7	26	2	0	0	—	8.7	−0.7	26.5	36	−1	21	−1	53	0	29	4	155
QENA																											29	—	156
LUXOR	00	7	30	2	0	0	—	5.9	39.7	15	00	7	26	2	0	0	—	7.0		33.0	40	—	22	—	30	0	tr.	—	157
ASWÂN	00	9	32	3	0	0	—	4.6	40.0	15	00	9	28	2	0	0	—	6.4	−1.5	29.5	41	−1	25	−1	32	0	8		158
WESTERN DESERT: SIWA	00	8	00	0	0	0	—	13.4	35.0	37	00	7	00	0	0	0	—	13.6	+0.6	24.8	37	−1	20	0	69	0	45	8	148
BAHARIYA	00	9	32	1	0	0	—	10.4	32.0	41	00	9	00	0	0	0	—	11.6	+0.5	24.0	34	—	—	—	63	0	9	—	149
KHARGA	00	9	32	2	0	0	—	7.0	37.0	26	00	9	32	2	0	0	—	9.4	+0.8	28.9	37	−2	22	−1	53	0	10		151
DÂKHLA	00	9	28	2	0	0	—	9.4	35.5	22	00	8	28	2	0	0	—	10.3	+0.1	27.0	37	−3	23	0	40	0	3	—	152
RED SEA: TÔR	00	7	28	2	0	0	—	6.2	29.1	57	00	7	32	1	0	0	—	6.8	−1.5	27.8	30	−4	22	−2	58	0	5	13	145
HURGHÂDA	00	9	02	4	0	0	—	—	32.3	39	00	9	30	5	0	0	—	5.5	−2.2	29.9	35	+1	24	0	32	0	17		146
QUŞEIR	00	8	32	3	0	0	—	5.5	30.6	55	00	8	32	2	0	0	—	5.0	−2.3	28.4	32	−1	25	−1	47	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN: WÂDI HALFA	01	8	28	3	1	3	2	5	39	09	01	8	00	0	1	3	1	8		29					23	0	6	—	165
KAREIMA	00	8	28	2	0	1	1	4	41	08	01	8	06	1	2	3	1	7		33					20	0	3	2	166
'ATBARA	01	8	30	2	1	4	4,1	2	42	06	01	8	30	4	1	3	4	4		34					09	0	13	8	167
KHARTÛM																										0	11	15	168
KASSALA	01	8	28	2	1	3	8,1	3	40	19	02	7	20	3	1	6	4,5	8		29					52	0	19	49	170
CENTRAL SUDAN: WAD MEDANI	02	8	16	4	1	6	1	4	38	21	01	8	16	5	1	4	3	8		30					52	0	47	55	171
DUEIM																										0	13	48	173
RENK	00	9	18	3	0	0	—	7	36	17	02	9	18	1	0	5	9	10	—	28		—		—	62	—	—	159	182
ROSEIRES	02	7	16	2	1	6	4,1	8	30	59	03	7	12	2	1	8	6	11		25					84	0	126	224	172
EL OBEID	02	8	22	1	1	5	8,1	4	37	20																0	83	68	174
EL FÂSHER	01	9	00	0	1	3	8,2	—	39	20	02	9	00	0	1	8	2	—		23					38	0	17	31	175
GENEINA	00	9	28	1	1	3	8,1	—	36	19																		72	179
KADUGLI	02	8	28	3	2	5	9	7	36	35																		290	187
S. SUDAN: MALAKÂL	01	8	16	3	1	4	8,4,1	8	33	41	51	8	14	2	9	5	9,4	13		25					94	tr.	158	313	176
WÂU											02	9	24	1	1	8	6,4	13		23					89	0	335	517	177
JÛBA	01	8	18	4	1	3	8,4	12	31	55	02	8	18	1	1	7	4	15		23					84	tr.	536	593	178

UPPER WINDS ON 27th الرياح العليا يوم ٢٧

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALÛM	MATRÛH	DIKHEILA	PORT SAÎD	HELWÂN	MINYA	ASYÛT	AŞWÂN	WÂDI HALFA	KAREIMA	[illegible]	KASSALA	EL OBEID	MALAKÂL	JÛBA
h. m.	h. m.	h. m.	h. m.	8 h. 30 m.	h. m.	7 h. m.	h. m.	h. m.	7 h. m.	7 h. m.	7 h. m.	h. m.	7 h. m.	7 h. 30 m.
				02 33 15		02 33 25			10 01 30		10 21 45		06 20 30	10 15 25
				05 03 20		05 36 45			15 02 20	15 07 25	15 23 55		10 21 60	15 23 20
				08 04 45		10 01 50			20 03 15	20 06 25	20 25 45		15 21 30	20 18 15
				10 30 55		15 35 45			25 04 20		25 30 55			25 16 20
				15 03 50		20 36 35			30 36 05					
				20 05 40		25 35 35			40 36 15	35 32 15	40 02 50			
						30 35 10				40 35 15	50 31 55			

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day: Humidity % on 26th	Diff. from normal	Wet Bulb Temp °C on 26th	Diff. from normal
Alexandria	78	+5	22.1	+0.1
Ezbekiya	59	+3	21.4	−0.1
Giza	57	+2	21.6	+0.9
Helwân	49	+5	20.0	+0.8

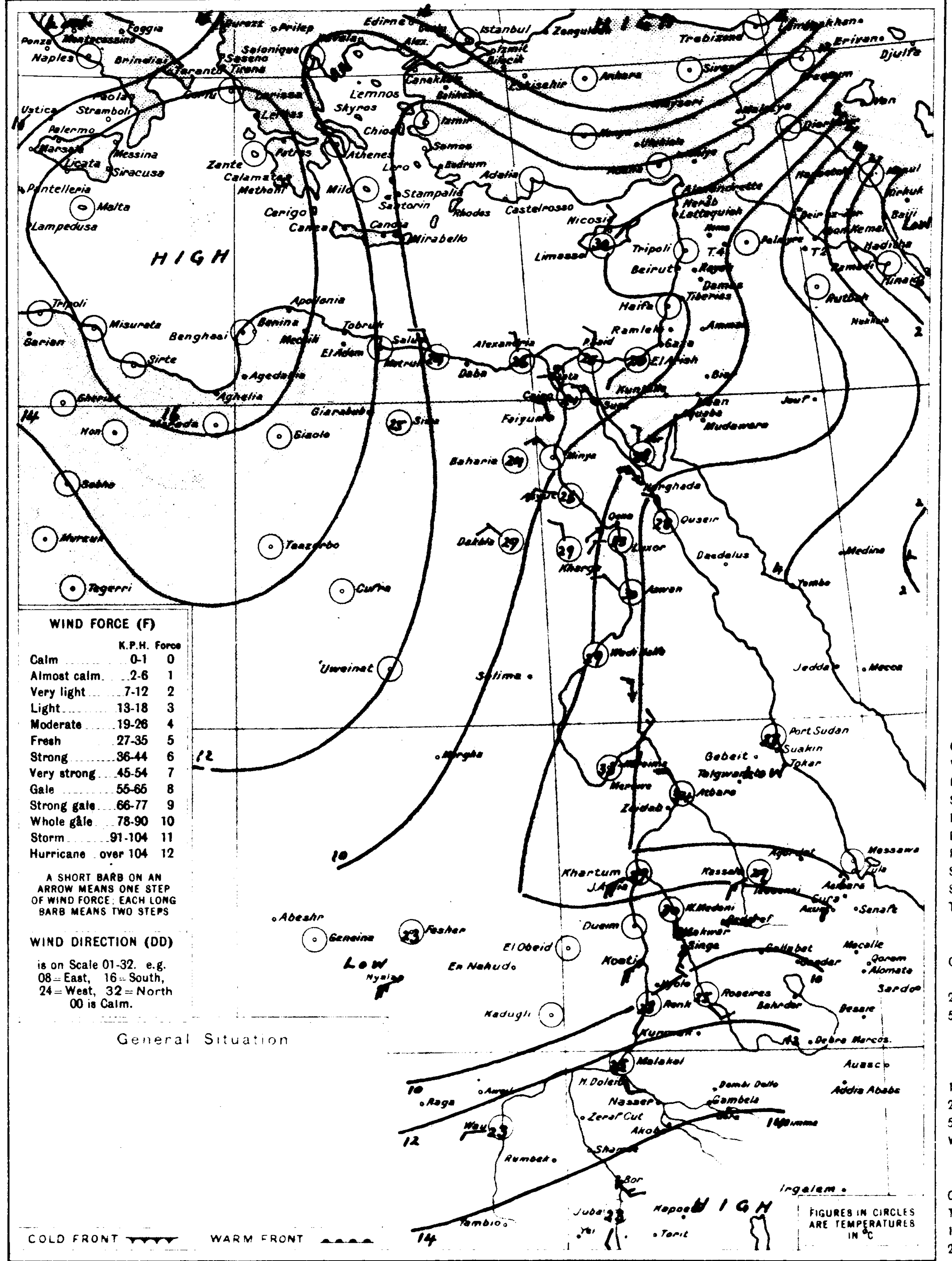
Giza Grass minimum on 27th 19.2 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
27-6		1676
26-6	1620	1736

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Jûba	27-6			12.88	−0.63
Nasser				8.31	−0.09
Malakâl				10.83	−0.19
Roseires		13.39	−0.35	13.47	−0.16
Sennâr Res.				6.72	
J. Aulia U.S				371.43	
J. Aulia D.S				371.37	−0.11
Khartûm				10.92	−0.26
Kh. el Girba				10.90	−0.68
'Atbara		10.68	+0.07	10.71	+0.13
Kajnarti				132.68	+0.13
Aswân Res.		108.92		109.26	
Aswân D.S.		86.39	−0.10	86.39	−0.08
Rôda (Cairo)		16.45	+0.86	16.45	+0.89

Isobars, Wind and Temperature at 8 h. 27-6-1945 ١٩٤٥-٦-٢٧



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32, e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

At 8 h. on 27th ٢٧

STATION	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday	Diff. from norm.	Min. Today	Diff. from norm.	Humidity	Rainfall Past 24 hrs	Total from Oct 1	Normal from Oct 1
Limassol	00	9	04	2	0	0	—	9.6	+0.5	30					33	0	644	463
Nag Hamadi	00	8	22	1	0	0	—	7.2		27.5	36		21		51	0	16	—

SHIPS

Remarks

Water Temp. River Nile Cairo 25.5 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER (ww)

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at

50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST [illegible]

CAIRO
Time of Sunrise 4 h. 56 m.
Sunset 19 00

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT — 1417 F.C.

DAILY WEATHER REPORT

Month JUNE 1945 ١٩٤٥ يونيه

STATION	14h ww	V	DD	F	W	N	C	PPP	TTT	UU	8h ww	V	DD	F	W	N	C	PPP	Diff. from normal mbs.	Dry Bulb °C	Max Yesterday °C	Diff. from norm.	Min Today °C	Diff. from norm.	% Humidity	Rain Past 24 hrs mms.	Total from Oct. 1 mms.	Normal from Oct. 1 mms.	Station Number
Mediterranean																													
SALUM											00	9	32	3	0	0	—	11.0	—	26.9	29	—	20	—	79	0		—	130
MATRUH	00	9	32	3	0	0	—	13.0	27.2	65	01	9	28	2	0	3	8	11.1	-0.5	24.0	27	0	18	-2	89	0	111	161	131
DIKHEILA																						—		—		0		—	150
ALEXANDRIA	00	9	02	3	0	0	—	11.6	27.4	64	00	9	02	3	0	0	—	9.9	-1.3	24.4	29	0	22	0	65	0	260	186	132
DAMIETTA	00	8	30	3	0	0	—	9.8	27.9	64	00	7	30	2	1	2	8	8.7	—	25.4	29	—	22	—	78	0	110	106	159
PORT SAID	00	8	32	3	0	0	—	9.6	28.9	66	00	8	30	2	0	3	4	8.3	-1.5	24.9	30	0	22	0	76	0	107	81	134
EL 'ARISH	00	9	30	1	0	0	—	9.7	29.7	47	01	9	30	1	1	3	8	—	—	20.2	30	+1	19	+1	52	0	318	94	135
Lower Egypt																													
DAMANHUR	00	6	32	3	0	0	—	10.6	30.6	46	00	6	32	3	0	0	—	9.6	-0.8	25.8	33	0	18	-1	65	0	169	101	136
MANSURA	00	8	02	2	1	0	—	9.8	30.0	34	00	8	02	1	0	0	—	9.6	—	25.0	34	-1	20	+1	72	0	102	55	137
TANTA	00	8	28	2	0	0	—	9.1	34.4	28	00	8	00	0	0	0	—	9.4	-1.2	25.0	35	0	16	-3	64	0	96	44	138
ZAGAZIG	00	7	28	2	0	0	—	11.0	35.5	38	02	7	28	2	1	5	8	9.8	-0.8	24.2	35	0	19	0	79	0	57	27	139
Middle Egypt																													
Cairo: ALMAZA	00	8	02	3	0	0	—	9.5	35.0	31	00	7	02	1	1	1	8	10.6		23.8	36	—	20	—	72	0	69	—	141
Cairo: EZBEKIYA	00	8	26	3	0	0	—	8.4	33.9	31	05	6	32	2	1	4	6	10.0	-0.5	24.5	36	0	20	-1	72	0	56	26	—
Cairo: GIZA	00	8	30	2	0	0	—	7.9	34.3	25	05	5	30	1	1	3	8	9.8	-1.2	22.8	35	0	18	0	78	0	51	27	—
HELWAN	00	7	32	4	0	0	—	7.9	33.9	23	00	6	00	0	0	0	—	9.2	-1.3	22.6	35	0	19	-2	67	0	126	29	143
SUEZ	00	9	32	3	0	0	—	8.0	34.0	32	00	9	30	2	0	0	—	9.4	-0.2	23.7	36	+1	20	-2	66	0	56	17	144
Upper Egypt																													
FAIYUM	00	8	32	4	0	0	—	7.8	35.2	16	00	8	32	3	0	0	—	9.8	-0.5	24.2	36	0	19	-1	64	0	110	8	153
MINYA	00	8	04	4	1	0	—	7.6	36.9	20	00	8	32	3	0	0	—	8.7	-0.8	24.1	36	0	21	0	67	0	1	—	154
ASYUT	00	8	28	2	0	0	—	6.2	36.6	17	00	7	30	1	0	0	—	8.6	-0.8	26.7	37	0	20	-2	34	0	29	4	155
QENA																											29	—	156
LUXOR	00	7	30	2	0	0	—	6.6	39.0	16	00	7	14	1	0	0	—	6.2	—	33.5	41	—	21	—	28	0	tr.	—	157
ASWAN	00	9	32	2	0	0	—	4.4	40.2	15																0	8	—	158
Western Desert																													
SIWA	00	8	27	2	0	0	—	12.8	36.0	50	00	7	00	0	0	0	—	12.8	-0.1	24.8	37	-1	19	-1	55	0	45	8	148
BAHARIYA	00	9	00	0	0	0	—	9.8	36.0	37	00	9	00	0	0	0	—	11.6	+0.5	24.0	37	—	—	—	60	0	9	—	149
KHARGA	00	9	32	2	0	0	—	7.5	36.3	24	00	9	32	4	0	0	—	8.3	-0.2	30.2	37	-2	26	+3	34	0	10	—	151
DAKHLA	00	9	28	2	0	0	—	8.6	36.0	28	00	8	24	1	0	0	—	10.2	+0.1	29.0	37	-3	24	+1	29	0	3	—	152
Red Sea																													
TOR	00	7	28	2	0	0	—	6.2	29.2	62	00	7	28	1	0	0	—	5.2	-2.0	26.1	30	-4	23	-1	72	0	5	13	145
HURGHADA	00	9	02	5	0	0	—	—	32.3	33																0	17	—	146
QUSEIR	00	8	02	2	0	0	—	4.4	30.7	58	00	8	32	3	0	0	—	4.4	-2.8	27.0	32	-1	25	-1	49	0	20	—	147
PORT SUDAN																										0	91	97	169
North Sudan																													
WADI HALFA	00	7	24	4	0	0	—	4	39	18	00	8	00	0	0	0	—	8		29					19	0	6	—	165
KAREIMA	01	8	24	2	1	4	4	4	42	08	01	9	30	2	1	4	4	7		31					17	0	3	2	166
'ATBARA	02	8	32	2	1	7	4	3	34	14	01	8	20	3	1	4	4	7		32					36	0	13	8	167
KHARTUM																										0	11	15	168
KASSALA	01	9	20	2	1	4	8,4	4	38	21	01	8	18	3	1	4	4	10		27					58	0	19	50	170
Central Sudan																													
WAD MEDANI	01	8	22	4	1	4	9	4	39	36	02	9	16	6	1	7	4	10		22					65	0	47	56	171
DUEIM																										0	13	49	173
RENK	01	8	20	3	1	5	5	6	37	38	03	9	08	3	2	8	9	13	—	24	—		—		84	–	–	162	182
ROSEIRES	01	7	16	2	1	4	4	8	33	50																0	126	229	172
EL OBEID	01	9	20	4	1	4	8	6	37	44	02	9	20	3	1	6	2	12		26					62	0	83	69	174
EL FASHER											01	9	12	3	1	4	4	—		23					95	0	17	82	175
GENEINA	01	9	20	3	1	4	8	—	34	20																		74	179
KADUGLI	02	8	20	4	1	6	9	8	34	18	02	8	24	2	1	6	9	12		25					94			295	187
S. Sudan																													
MALAKAL	02	8	20	4	1	7	6,4	10	32	52	02	9	16	3	1	7	4,5	13		21					95	0	158	318	176
WAU	02	8	20	2	1	8	6,4	11	32	43	02	9	16	1	0	5	8,4	13		25					84	0	335	523	177
JUBA	01	8	03	0	1	4	8,4	13	33	36	02	8	16	1	1	6	8,4	16		22					88	0	536	597	178

At 14h. on 27th — الساعة ١٤ يوم ٢٧ ; At 8h. on Thursday 28th — الساعة ٨ يوم الخميس ٢٨

UPPER WINDS ON 28th — الرياح العليا يوم ٢٨

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN (8 h. 30 m.)	MINYA	ASYUT (7 h.)	ASWAN	WADI HALFA (7 h.)	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL (7 h.)	JUBA
				02 36 05		02 34 20								
				05 02 20		05 35 60							05 18 35	
				08 02 20		10 35 45		10 35 35					10 18 35	
				10 03 20		15 31 25		15 32 20					15 19 35	
				15 01 35		20 33 20		20 27 35					20 20 35	
				20 03 25		25 29 15							25 20 20	
				23 03 15		30 34 05								
				25 35 10		40 16 05							35 06 30	
				30 01 15										
				35 06 10										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 27th	Diff. from normal	Wet Bulb Temp °C on 27th	Diff. from normal
Alexandria	74	+1	22.0	-0.1
Ezbekiya	56	+2	21.4	-0.1
Giza	56	0	20.3	-0.4
Helwan	47	+3	19.6	+0.4

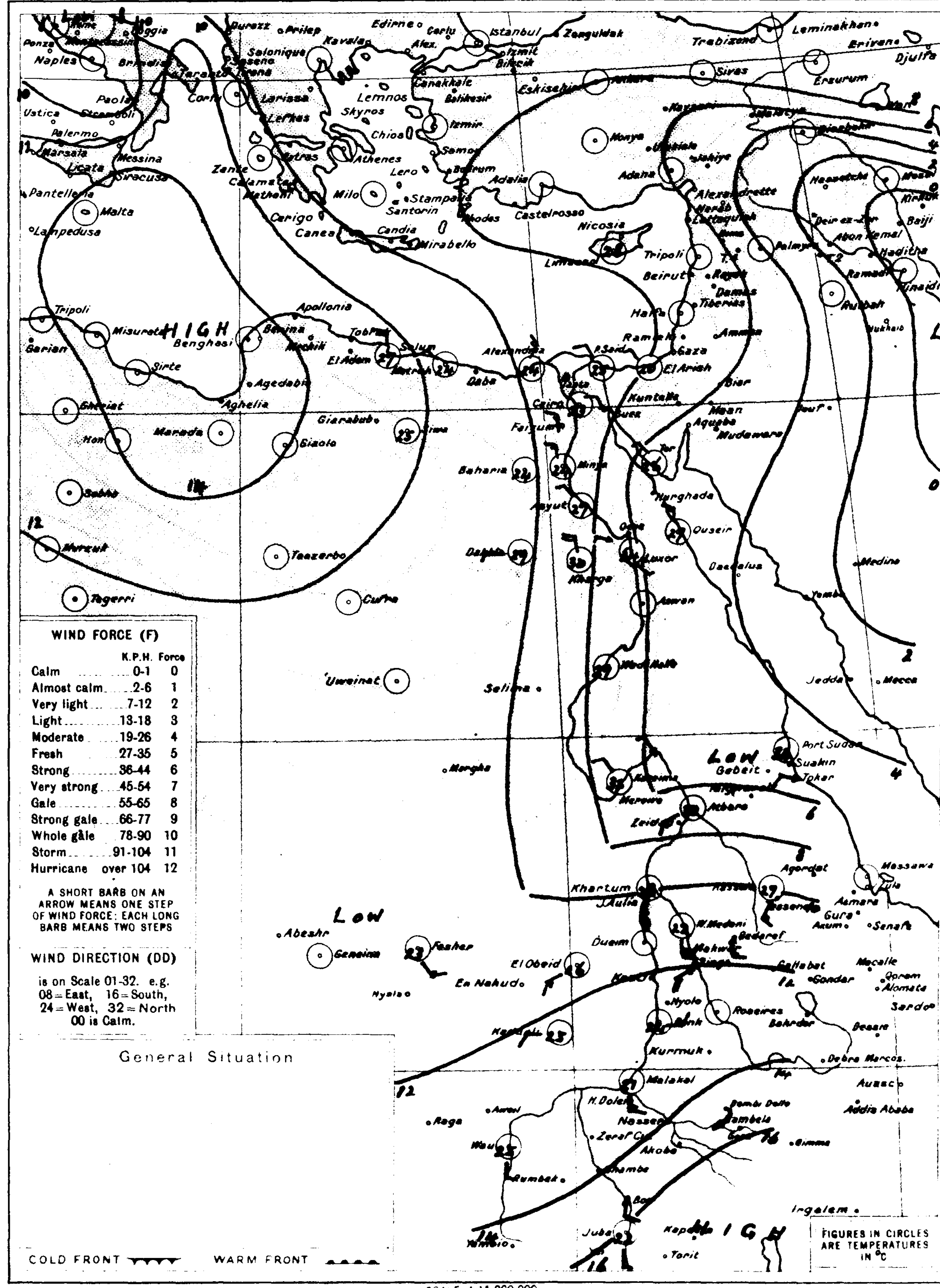
Giza Grass minimum on 28th 16.1 °C

Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
28-6	1620	1678
27-6	1620	1678

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Diff. from normal m.
Juba				12.79	-0.72
Nasser				8.36	-0.06
Malakal		10.86	-0.21	10.84	-0.21
Roseires	1	13.29	-0.58	13.39	-0.35
Sennar Res.				6.74	—
J. Aulia U.S	[illegible]			374.48	—
J. Aulia D.S	1			371.40	-0.10
Khartum				10.94	-0.38
Kh. el Girba				11.20	-0.36
'Atbara		10.69	+0.02	10.68	+0.07
Kajnarti		138.87	+0.23	122.80	+0.31
Aswan Res.		108.64	—	108.72	—
Aswan D.S.		86.39	-0.8	86.39	-0.10
Roda (Cairo)		16.42	+0.4	16.48	+0.88

Isobars, Wind and Temperature at 8 h. 28-6-1945 — ٢٨-٦-٤٥



STATION	ww	V	DD	F	W	N	C	PPP	Diff. from normal	Dry Bulb °C	Max Yesterday °C	Diff. from norm.	Min Today °C	Diff. from norm.	% Humidity	Past 24 hrs	Total from Oct. 1	Normal from Oct. 1
Limassol	00	9	00	0	0	0	—	8		28					40	0	644	463
Naghamadi	00	8	26	1	0	0	—	6.8		27.3	37		26		46	0	16	—

At 8 h. on 28th — الساعة ٨ يوم ٢٨

SHIPS سفن

STATION محطة

Remarks

Water Temp. River Nile Cairo 28.2 C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww
- Clear .00
- Partly cloudy 01
- Cloudy 02
- Overcast 03
- Low Fog 04
- Thin Haze 05
- Dust Devils 06
- Distant Lightning 07
- Light Mist or Haze 08
- Distant Fog 09
- Rain in sight 10
- Thunder, no rain 11
- Distant Duststorm 12
- Squally 14
- Slight Duststorm 18
- Rain in past hour 20-29
- Slight Thunderstorm 28
- Heavy Thunderstorm 29
- Duststorm 30-34
- Fog or Thick Haze 40-49
- Mod. Fog in last hour 41
- Thick ,, ,, ,, ,, 42
- Fog in patches 49
- Drizzle 50-59
- Rain 60-69
- Rain and Fog 67
- Rain and Snow 68, 69
- Snow 70-79
- Showers 80-89
- ,, of Snow 83, 84
- ,, of Sleet 85, 86
- ,, of Hail 88, 89
- Thunderstorm 90-99
- ,, ended, now Rain 91
- ,, with Hail 94-96
- ,, with Duststorm 98
- ,, heavy, with Hail 99

PAST WEATHER (W)
- Clear, slight cloud 0
- Variable sky 1
- Mainly overcast 2
- Sandstorm, Duststorm 3
- Fog, thick dust haze 4
- Drizzle 5
- Rain 6
- Snow, sleet 7
- Showers 8
- Thunderstorm 9

VISIBILITY (V)
- Objects not visible at 50 metres 0
- 200 ,, 1
- 500 ,, 2
- 1 Kilometre 3
- 2 ,, 4
- 4 ,, 5
- 10 ,, 6
- 20 ,, 7
- 50 ,, 8
- Visible over 50 kms. 9

CLOUD AMOUNT (N)
- Clear 0
- Trace 1
- 1 Tenth 2
- 2, 3 Tenths 3
- 4, 5, 6 Tenths 4
- 7, 8 Tenths 5
- 9 Tenths 6
- Over 9 Tenths 7
- Overcast 8
- Fog or Dust 9

CLOUD FORM (C)
- Cirrus 1
- Cirro-stratus 2
- Cirro-cumulus 3
- Alto-cumulus 4
- Alto-stratus 5
- Strato-cumulus 6
- Nimbo-stratus 7
- Cumulus 8
- Cumulo-nimbus 9
- Stratus 0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h. m.
Sunset h. m.

Month *JUNE* 1945 ١٩٤٥ شهر يونيه

MINISTRY OF PUBLIC WORKS — PHYSICAL DEPARTMENT

DAILY WEATHER REPORT

1417 F.C.

At 14 h. on *28th* ٢٨ الساعة ١٤ يوم — At 8 h. on *FRIDAY 29th* الساعة ٨ يوم الجمعة ٢٩

Region	Station	14h Present Weather ww	14h Visibility V	14h Wind Dir. DD	14h Wind Force F	14h Past Weather W	14h Cloud Amount N	14h Cloud Form C	14h Bar. Press. M.S.L. 1000+ mbs. PPP	14h °C Temp. TTT	14h % Humidity UU	8h Present Weather ww	8h Visibility V	8h Wind Dir. DD	8h Wind Force F	8h Past Weather W	8h Cloud Amount N	8h Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C TTT	Max. Yesterday °C MM	Max. Diff. from norm. °C	Min. Today °C mm	Min. Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.	Station Number
Mediterranean	SALUM	00	9	32	4	0	0	—	11.4	29.2	68	00	9	00	0	0	0	—	12.6		—	31	—	22		—	0		—	130
	MATRUH	00	9	28	2	1	0	—	10.8	27.2	75	01	9	26	4	1	4	8	11.6	+0.1	25.0	27	0	23	+3	89	0	111	161	131
	DIKHEILA																												—	150
	ALEXANDRIA	00	9	02	4	0	0	—	9.9	27.2	59	01	9	02	3	2	4	4	10.3	-0.7	24.6	29	0	23	+1	80	0	260	186	132
	DAMIETTA	00	8	28	3	0	0	—	8.3	27.9	61	01	7	20	2	0	3	8	8.4		25.9	29	—	19	—	74	0	110	106	159
	PORT SAID	00	8	30	3	0	0	—	8.0	28.8	66	00	8	20	2	0	0	—	8.7	-1.0	24.8	30	0	22	0	74	0	107	81	134
	EL ARISH	00	9	30	1	0	0	—	—	30.4	47	01	9	30	1	1	3	8	—	—	20.3	30	+1	19	0	56	0	318	94	135
Lower Egypt	DAMANHUR	00	6	32	3	0	0	—	9.0	29.0	46	00	6	28	3	0	0	—	9.1	-1.2	25.6	30	-3	18	-1	67	0	169	101	136
	MANSURA	00	8	30	2	0	0	—	8.4	32.5	32	00	8	02	2	0	0	—	9.5	—	25.5	34	-1	18	-1	76	0	102	55	137
	TANTA	00	8	32	2	0	0	—	7.9	32.7	31	00	8	00	0	0	0	—	9.6	-0.9	25.0	33	-2	16	-3	76	0	96	44	138
	ZAGAZIG	00	7	24	2	0	0	—	9.9	33.4	38	00	7	24	2	0	0	—	9.9	-0.6	26.2	34	-1	18	-1	71	0	57	27	139
Middle Egypt (Cairo)	ALMAZA	00	8	30	1	0	0	—	9.3	33.3	32	00	7	28	1	0	0	—	10.6		24.9	35	—	20	—	69	0	69	—	141
	EZBEKIYA	00	8	30	3	0	0	—	7.6	32.5	31	05	6	24	1	1	2	8	10.2	-0.2	24.9	35	-1	20	-1	71	0	56	26	—
	GIZA	00	8	30	2	0	0	—	7.6	34.1	19	05	6	24	2	1	3	8	10.0	-0.9	25.4	35	0	18	0	70	0	51	27	—
	HELWAN	00	7	28	4	0	0	—	7.0	32.0	15	05	6	26	1	0	0	—	10.2	-0.2	22.6	34	-1	18	-3	72	0	126	29	143
	SUEZ	00	9	30	2	0	0	—	6.8	34.1	28	00	9	30	1	0	0	—	8.6	-0.9	24.1	36	+1	20	-2	74	0	56	17	144
Upper Egypt	FAIYUM	00	8	32	4	0	0	—	7.4	33.0	19	00	8	30	1	0	0	—	10.6	+0.4	24.0	35	-1	18	-2	63	0	110	8	153
	MINYA	00	8	32	4	3	0	—	7.0	35.1	30	00	9	02	2	0	0	—	10.6	+1.2	23.8	36	0	18	-3	58	0	1	—	154
	ASYUT	00	8	26	3	0	0	—	7.0	34.5	21	00	8	30	1	0	0	—	10.3	+1.0	24.3	35	-2	19	-3	51	0	29	4	155
	QENA											00	8	26	2	0	0	—	7.0	-0.5	31.4	39	-2	21	-3	26	0	29	—	156
	LUXOR	00	7	26	3	0	0	—	5.1	39.5	20	00	7	28	2	0	0	—	8.2		32.0	40	—	22	—	28	0	tr	—	157
	ASWAN	00	9	32	1	0	0	—	3.9	39.0	14	00	9	24	1	0	0	—	7.6	-0.1	30.0	41	-1	25	-1	25	0	8	—	158
Western Desert	SIWA	00	8	28	4	0	0	—	12.3	34.0	51	00	7	00	0	0	0	—	14.4	+1.5	24.0	37	-1	19	-1	67	0	45	8	148
	BAHARIYA	00	9	32	1	0	0	—	12.0	33.5	38	00	9	00	0	0	0	—	13.0	+2.0	24.0	35		—		67	0	9		149
	KHARGA	00	9	32	2	0	0	—	7.6	37.0	26	00	9	32	3	0	0	—	10.8	+2.3	26.7	37	-2	23	0	46	0	10	—	151
	DAKHLA	00	9	28	2	0	0	—	8.8	35.0	19	00	8	28	2	0	0	—	12.2	+2.2	26.0	37	-3	21	-2	35	0	3		152
Red Sea	TOR	00	7	28	1	0	0	—	4.8	29.3	59	00	7	28	1	0	0	—	5.9	-1.2	25.9	32	-2	24	0	69	0	5	13	145
	HURGHADA																											17	—	146
	QUSEIR	00	8	32	3	0	0	—	4.2	30.5	61	00	8	30	2	0	0	—	6.0	-2.2	28.8	31	-3	25	-1	47	0	20	—	147
	PORT SUDAN																										0	91	97	169
North Sudan	WADI HALFA	00	8	28	4	0	0	—	5	39	18	00	8	00	0	1	0	—									1	7	—	165
	KAREIMA	00	7	20	4	0	0	—	6	40	14	01	8	04	2	1	3	7	8		32					21	0	3	2	166
	ATBARA											01	8	00	0	1	3	4	7		32					36	0	13	8	167
	KHARTUM																										0	11	16	168
	KASSALA	02	8	20	5	1	5	8,4	6	36	29	01	8	22	3	1	4	4	10		28					52	0	19	52	170
Central Sudan	WAD MEDANI	02	8	18	4	1	5	8	6	36	27																0	47	57	171
	DUEIM																										0	13	50	173
	RENK	01	9	20	3	1	5	8	8	31	52																	—	165	182
	ROSEIRES	00	8	16	2	1	0	—	—	36	44																0	126	234	172
	EL OBEID	01	8	20	3	1	5	4	7	37	40	01	8	20	4	1	3	4	9		27					95	0	83	70	174
	EL FASHER	00	9	28	4	0	0	—	—	32	49	02	9	12	1	1	5	4,5	—		27					66	0	17	33	175
	GENEINA																												76	179
	KADUGLI	66	8	20	2	6	6	9	10	24	61																Rain		300	187
S. Sudan	MALAKAL	00	8	04	4	0	0	—	10	30	59																0	158	323	176
	WAU	11	8	22	4	1	8	9,4	11	29	52																4	339	529	177
	JUBA																										0	536	601	178

UPPER WINDS ON 29th ٢٩ يونيه

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA (7 h.)	KAREIMA	KHARTUM	KASSALA	EL OBEID	MALAKAL	JUBA
								05 35 20						
								10 35 40						
								15 31 35						
								20 29 35						
								25 28 35						
								30 27 35						
								40 27 40						

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة فى ٢٤ ساعة من ظهر يوم

Mean of day

Station	Humidity % on 28th	Diff. from normal	Wet bulb temp. °C on 28th	Diff. from normal
Alexandria	63	-10	20.5	-1.7
Ezbekiya	55	-2	20.6	-1.0
Giza	57	+1	19.3	-1.5
Helwan	45	+1	18.2	-1.1

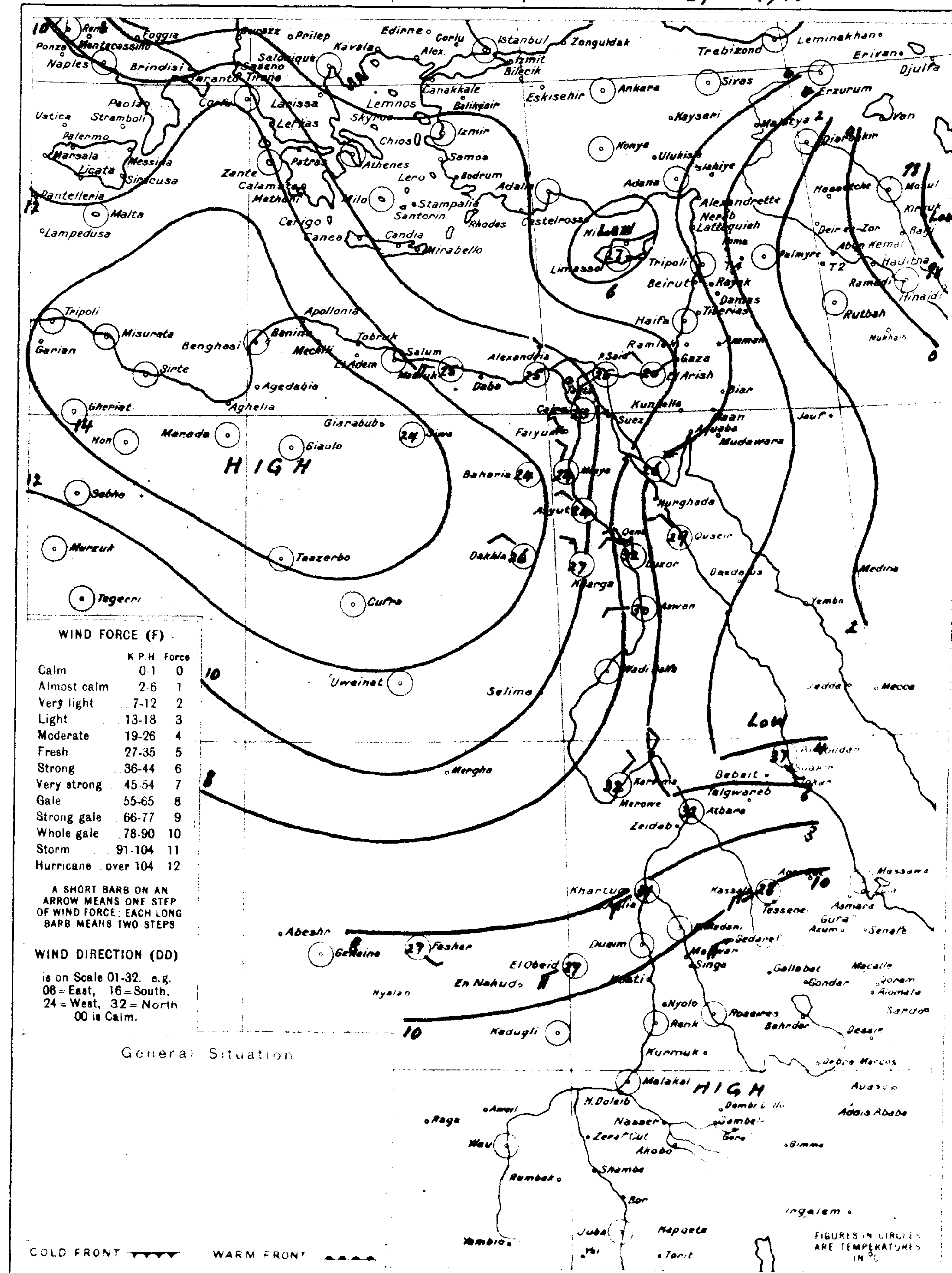
Giza Grass minimum on 29th 15.9 °C

Discharges at Aswan measured by sluices m³ per sec

Date	1945	1944
29-6	1620	1678
28-6	1620	1678

Gauge	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba		12.88	-0.64	12.84	-0.67
Nasser		8.41	-0.11	8.59	-0.08
Malakal		10.88	-0.20	10.86	-0.21
Roseires		13.73	-0.23	13.29	-0.58
Sennar Res		6.63		6.69	
J. Aulia U.S				371.49	
J. Aulia D.S				371.39	-0.13
Khartum		11.03	-0.36	11.03	-0.37
Kh. el Girba				11.36	-0.28
Atbara		10.66	-0.03	10.67	+0.02
Kajnarti		132.94	+0.24	132.87	+0.23
Aswan Res.		108.34		108.64	
Aswan D.S.		86.39	-0.13	86.39	-0.11
Roda (Cairo)				16.42	+0.84

١٩٤٥-٦-٢٩ Isobars, Wind and Temperature at 8 h. *29-6-1945*



WIND FORCE (F)

	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD)

is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT — WARM FRONT

SCALE 1:15,000,000

At 8 h. on *29th* ٢٩

Station	Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Dry Bulb °C	Max. Yesterday	Max. Diff. from norm.	Min. Today	Min. Diff. from norm.	Humidity	Rain Past 24 hrs	Rain Total from Oct. 1	Rain Normal from Oct. 1
Limassol	00	9	10	2	0	0	—	6.4	-2.4	27					58	0	644	463
Naqkamani	00	8	26	1	0	0	—	8.4	—	27.9	36		20		44	0	16	—

SHIPS سفن

Remarks

Water Temp. River Nile Cairo 25.2 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER ww

Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)

Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V)

Objects not visible at 50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms	9

CLOUD AMOUNT (N)

Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)

Cirrus	
Cirro stratus	2
Cirro cumulus	
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

CAIRO
Time of Sunrise h. 04 m. 56
Sunset h. 17 m. 00

Month JUNE 1945 ١٩٤٥ شهر يونيه

MINISTRY OF PUBLIC WORKS PHYSICAL DEPARTMENT

1417 F.C.

DAILY WEATHER REPORT

STATION	At 14 h. on 29 (الساعة ١٤ يوم ٢٩) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Press. M.S.L. 1000+ mbs. PPP	°C Temp. TTT	% Humidity UU	At 8 h. on SATURDAY 30th (الساعة ٨ يوم السبت ٣٠) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.	Station Number
MEDITERRANEAN																														
SALUM	00	9	04	4	0	0	—	12.8	28.4	90																			—	130
MATRUH	00	9	28	3	0	2	8	11.4	27.0	89	01	9	26	3	1	4	8	11.2	-0.2	24.9	27	0	20	0	91	0	111	161	131
DIKHEILA																												—	150
ALEXANDRIA	01	9	30	5	2	4	4	10.3	27.2	72	01	9	26	2	2	4	4	10.7	-0.2	24.8	28	-1	22	0	79	0	260	186	132
DAMIETTA	00	7	30	3	1	0	—	7.8	27.0	74	00	7	28	3	0	0	—	9.0		27.6	29	—	21	—	67	0	110	106	159
PORT SAID	00	8	30	3	0	0	—	8.6	28.9	66	02	8	26	2	2	5	4	8.8	-0.8	25.7	30	0	23	+1	82	0	107	81	134
EL 'ARISH	00	9	30	1	0	0	—	—	30.3	42	01	9	30	1	1	3	8	—	—	20.2	30	+1	19	0	47	0	318	94	135
LOWER EGYPT																														
DAMANHUR	00	7	32	3	0	0	—	10.3	28.8	48	01	6	24	3	1	3	8	9.9	-0.2	26.3	30	-3	18	-1	79	0	169	101	136
MANSURA	00	8	30	2	0	0	—	8.4	32.4	48	01	7	20	2	1	3	8	—		25.5	33	-2	20	0	82	0	102	55	137
TANTA	00	8	00	0	0	0	—	8.2	33.5	38	00	8	00	0	0	0	—	10.0	-0.4	26.0	34	-1	19	0	78	0	96	44	138
ZAGAZIG	00	7	28	2	0	0	—	10.0	32.6	43	02	6	28	2	1	5	8	10.8	+0.4	24.2	35	0	20	+1	87	0	57	27	139
MIDDLE EGYPT																														
CAIRO ALMAZA	00	8	32	2	0	0	—	9.4	35.0	34	00	7	28	1	2	1	8	11.1		24.9	36	—	22	—	77	0	69	—	141
CAIRO EZBEKIYA	00	8	28	2	0	0	—	7.9	33.6	37	05	6	28	2	1	3	0	10.3	0.0	25.2	36	0	21	0	76	0	56	26	—
CAIRO GIZA	00	8	28	2	0	0	—	7.9	34.6	29	05	6	30	1	1	1	0	10.4	-0.4	24.4	35	0	21	+2	78	0	51	27	—
HELWAN	00	8	28	4	0	0	—	7.8	33.4	28	09	5	28	2	1	3	0	10.3	0.0	23.3	35	0	20	-1	80	0	126	29	143
SUEZ	00	9	30	2	0	0	—	7.5	34.8	34	00	9	30	2	0	0	—	10.4	+1.0	27.0	36	+1	21	-1	69	0	56	17	144
UPPER EGYPT																														
FAIYUM	00	8	30	4	0	0	—	8.0	34.0	21	00	8	20	2	0	0	—	10.6	+0.5	25.0	35	-1	21	+1	62	0	110	8	153
MINYA	00	9	04	2	0	0	—	9.2	33.9	29	00	9	02	3	0	0	—	9.0	-0.3	26.3			21	0	63	0	1	—	154
ASYUT	00	8	28	3	0	0	—	8.6	34.5	26	00	7	26	1	0	0	—	9.4	+0.2	27.1	35	-2	21	-1	56	0	29	4	155
QENA	00	9	26	2	0	0	—	5.0	39.4	14	00	8	24	1	0	0	—	7.2	-0.2	27.6	41	0	23	-1	48	0	29	—	156
LUXOR	00	7	28	2	0	0	—	5.4	39.0	14	00	7	28	2	0	0	—	7.8		34.6	39	—	21	—	25	0	tr.	—	157
ASWAN	00	9	32	2	0	0	—	5.1	40.0	16	00	9	02	1	0	0	—	7.6	-0.1	28.6	40	-2	24	-2	30	0	8		158
WESTERN DESERT																														
SIWA	00	8	28	3	0	0	—	11.8	36.3	47	00	7	28	2	0	0	—	13.5	+0.7	26.0	39	+1	21	+1	62	0	45	8	148
BAHARIYA	00	9	32	1	0	0	—	9.9	34.0	45	00	9	08	1	0	0	—	11.4	+0.5	25.0	36	—	19?	—	61	0	9	—	149
KHARGA	00	9	32	4	0	0	—	9.1	35.0	15	00	9	32	2	0	0	—	9.5	+1.0	28.4	35	-4	25	+2	35	0	10		151
DAKHLA	00	9	28	2	0	0	—	9.9	34.5	21	00	8	28	1	0	0	—	11.2	+1.2	27.5	36	-4	22	-1	34	0	3	—	152
RED SEA																														
TOR	00	7	28	2	0	0	—	5.6	28.8	48	00	7	28	2	0	0	—	6.3	-0.7	27.2	31	-3	24	0	49	0	5	13	145
HURGHADA											00	9	28	5	0	0	—	—	—	29.5	33	-1	21	-3	38	0	17		146
QUSEIR	00	8	32	2	0	0	—	3.8	30.1	58	00	8	32	3	0	0	—	5.6	-1.5	28.2	31	-3	25	-1	60	0	20		147
PORT SUDAN																										0	91	97	169
NORTH SUDAN																														
WADI HALFA																										0	7	—	165
KAREIMA											00	8	04	1	0	0	—	8		31					15	0	8	2	166
'ATBARA											01	8	32	3	1	5	2	6		32					14	0	13	8	167
KHARTUM																										0	11	16	168
KASSALA	00	8	28	4	1	2		4	36	24	01	8	22	2	0	3	2	10		28					52	0	19	53	170
CENTRAL SUDAN																														
WAD MEDANI	01	8	28	3	0	4	8	4	38	24	01	9	16	5	1	4	3	10		28					52	0	47	58	171
DUEIM																										tr.	13	50	173
RENK	01	7	00	0	1	4	7,5	—	31	55	03	9	08	3	2	8	9	15?		21		—		—	94			168	182
ROSEIRES																										6	132	239	172
EL OBEID	02	8	30	4	1	6	8	4	39	13	02	8	16	3	1	5	4	11		25					54	31	114	72	174
EL FASHER											61	9	12	3	1	8	9,4	—		23					89	1	18	34	175
GENEINA	01	8	26	4	1	4	8	—	36	29	01	9	10	2	1	3	1	—		26					58			79	179
KADUGLI											02	8	12	2	1	5	8	13		24					79			305	187
S. SUDAN																														
MALAKAL	01	8	04	2	1	4	8,5	4	38	29	02	8	00	0	1	8	8	14		23					89	0	158	328	176
WAU	00	8	28	3	0	0	—	6	31	55	02	9	00	0	1	8	4,5	13		24					84	0	339	535	177
JUBA	01	8	18	2	1	4	8,4	5?	30	55	01	8	18	1	6	4	2,6,4	15		23					94	38	574	605	178

UPPER WINDS ON 30th (الرياح العليا يوم ٣٠)

Upper Winds are in the Code HHDDVV where HH is Height above Sea Level in hundreds of metres. DD is Direction East of North in tens of degrees. VV is Velocity in kilometres per hour.

SALUM	MATRUH	DIKHEILA	PORT SAID	HELWAN	MINYA	ASYUT	ASWAN	WADI HALFA	KAREIMA	FASHER	KASSALA	EL OBEID	MALAKAL	JUBA
h m	h m	h m	h m	8 h 15 m	h m	7 h m	h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m	7 h m
				02 31 20		02 34 25		10 36 30	10 35 25	10 12 35	10 21 25	10 25 20	10 22 15	10 18 25
				05 35 15		05 35 35		15 35 30	15 30 18	15 11 20	15 23 55	15 22 10	15 21 05	15 19 15
				08 01 40		10 36 45		20 33 15	20 29 15	20 33 02	20 27 45	20 07 15	20 12 10	20 20 15
				10 36 45		15 35 35			25 30 10					
				15 01 15		20 01 35		35 24 40	30 30 10	30 02 15	35 33 20	35 05 05	35 22 15	35 15 15
				20 06 15		25 04 30		40 28 55					40 11 20	40 15 15
				23 03 20		30 01 35								45 15 15
				25 01 40										
				30 01 40										
				35 36 45										

Forecast for 24 hours from noon on

تغيرات الطقس المنتظرة في ٢٤ ساعة من ظهر يوم

STATION	Mean of day Humidity % on 29th	Diff. from normal	Wet Bulb Temp. °C on 29th	Diff. from normal
Alexandria	80	+6	22.7	+0.4
Ezbekiya	60	+3	22.2	+0.5
Giza	58	+2	21.6	+0.8
Helwan	53	+9	20.3	+1.0

Giza Grass minimum on 30th 20.1 °C

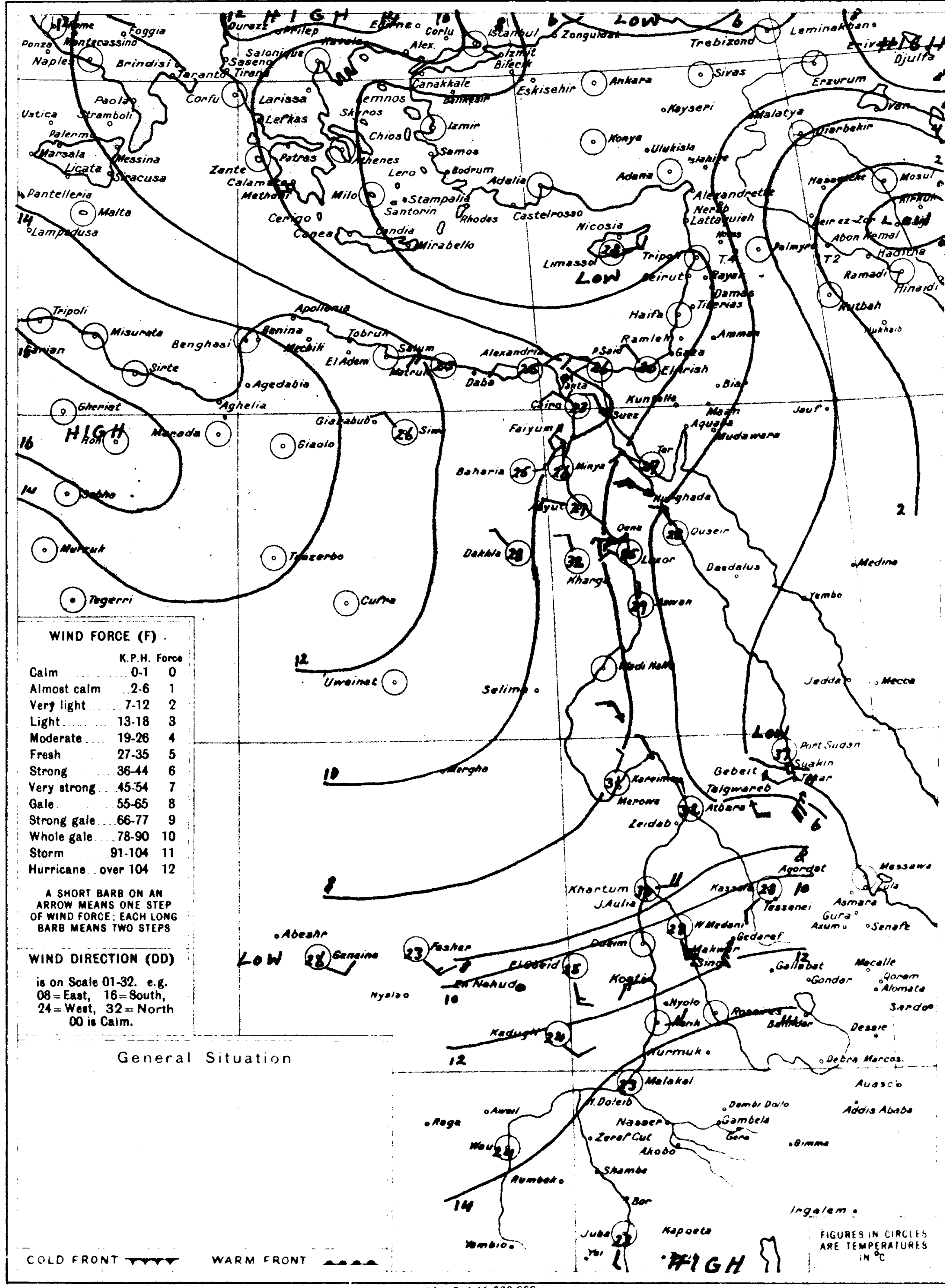
Discharges at Aswan measured by sluices m.³ per sec.

DATE	1945	1944
30-6		
29-6	1620	1678

GAUGE	Date 1945	Reading m.	Diff. from normal m.	Previous day Reading m.	Previous day Diff. from normal m.
Juba	30-6			12.88	-0.64
Nasser				8.41	-0.11
Malakal		10.89	-0.20	10.88	-0.20
Roseires				13.73	-0.23
Sennar Res				6.63	
J. Aulia U.S					
J. Aulia D.S					
Khartum				11.03	-0.36
Kh. el Girba					
'Atbara				10.66	-0.03
Kajnarti				132.94	+0.24
Aswan Res.				108.34	
Aswan D.S.				86.39	-0.13
Roda (Cairo)					

Printed by the Survey & Mines Dept. 1938 (38/554) 1939 (39/777)

Isobars, Wind and Temperature at 8 h. 30-6-1945. ٣٠-٦-١٩٤٥



WIND FORCE (F)	K.P.H.	Force
Calm	0-1	0
Almost calm	2-6	1
Very light	7-12	2
Light	13-18	3
Moderate	19-26	4
Fresh	27-35	5
Strong	36-44	6
Very strong	45-54	7
Gale	55-65	8
Strong gale	66-77	9
Whole gale	78-90	10
Storm	91-104	11
Hurricane	over 104	12

A SHORT BARB ON AN ARROW MEANS ONE STEP OF WIND FORCE; EACH LONG BARB MEANS TWO STEPS

WIND DIRECTION (DD) is on Scale 01-32. e.g. 08 = East, 16 = South, 24 = West, 32 = North. 00 is Calm.

General Situation

COLD FRONT WARM FRONT

SCALE 1:15 000 000 — Kms 200 100 0 200 400 600 Kms

STATION (محطة)	At 8 h. on 30th (الساعة ٨ يوم ٣٠) Present Weather ww	Visibility V	Wind Dir. DD	Wind Force F	Past Weather W	Cloud Amount N	Cloud Form C	Bar. Pressure M.S.L. 1000+ mbs. PPP	Diff. from normal mbs.	Temperature Dry Bulb °C TTT	Maximum Yesterday °C MM	Maximum Diff. from norm. °C	Minimum Today °C mm	Minimum Diff. from norm. °C	% Humidity UU	Rainfall Past 24 hrs mms.	Rainfall Total from Oct. 1 mms.	Rainfall Normal from Oct. 1 mms.
Limassol	00	9	08	2	0	0	—	6.6	-2.1	28					66	0	644	463
Nag Hamadi	00	8	26	1	0	0	—	8.0		28.7	35		21		46	0	16	—
SHIPS (سفن)																		

ANNUAL SUBSCRIPTION INLAND POST P.T. 100 ABROAD P.T. 150

Remarks

Water Temp River Nile Cairo 25.3 °C.

HOURS ARE EGYPTIAN STANDARD TIME, LONG. 30°E. AND ARE TWO HOURS FAST ON GREENWICH MEAN TIME

PRESENT WEATHER	ww
Clear	00
Partly cloudy	01
Cloudy	02
Overcast	03
Low Fog	04
Thin Haze	05
Dust Devils	06
Distant Lightning	07
Light Mist or Haze	08
Distant Fog	09
Rain in sight	10
Thunder, no rain	11
Distant Duststorm	12
Squally	14
Slight Duststorm	18
Rain in past hour	20-29
Slight Thunderstorm	28
Heavy Thunderstorm	29
Duststorm	30-34
Fog or Thick Haze	40-49
Mod. Fog in last hour	41
Thick ,, ,, ,, ,,	42
Fog in patches	49
Drizzle	50-59
Rain	60-69
Rain and Fog	67
Rain and Snow	68, 69
Snow	70-79
Showers	80-89
,, of Snow	83, 84
,, of Sleet	85, 86
,, of Hail	88, 89
Thunderstorm	90-99
,, ended, now Rain	91
,, with Hail	94-96
,, with Duststorm	98
,, heavy, with Hail	99

PAST WEATHER (W)	
Clear, slight cloud	0
Variable sky	1
Mainly overcast	2
Sandstorm, Duststorm	3
Fog, thick dust haze	4
Drizzle	5
Rain	6
Snow, sleet	7
Showers	8
Thunderstorm	9

VISIBILITY (V) Objects not visible at	
50 metres	0
200 ,,	1
500 ,,	2
1 Kilometre	3
2 ,,	4
4 ,,	5
10 ,,	6
20 ,,	7
50 ,,	8
Visible over 50 kms.	9

CLOUD AMOUNT (N)	
Clear	0
Trace	1
1 Tenth	2
2, 3 Tenths	3
4, 5, 6 Tenths	4
7, 8 Tenths	5
9 Tenths	6
Over 9 Tenths	7
Overcast	8
Fog or Dust	9

CLOUD FORM (C)	
Cirrus	1
Cirro-stratus	2
Cirro-cumulus	3
Alto-cumulus	4
Alto-stratus	5
Strato cumulus	6
Nimbo-stratus	7
Cumulus	8
Cumulo-nimbus	9
Stratus	0